

LAND APPLICATION SITE

EARL ALAN MULLIS

DWEAM 1-15

DINWIDDIE COUNTY

DWEAM Earl Mullis
Sitebook

VIRGINIA POLLUTION ABATEMENT PERMIT APPLICATION

FORM D: MUNICIPAL EFFLUENT AND BIOSOLIDS

PART D-VI: LAND APPLICATION AGREEMENT - BIOSOLIDS AND INDUSTRIAL RESIDUALS

A. This land application agreement is made on 10/22/18 between Earl Alan Mullis referred to here as "Landowner", and Recyc Systems, Inc. referred to here as the "Permittee". This agreement remains in effect until it is terminated in writing by either party or, with respect to those parcels that are retained by the Landowner in the event of a sale of one or more parcels, until ownership of all parcels changes. If ownership of individual parcels identified in this agreement changes, those parcels for which ownership has changed will no longer be authorized to receive biosolids or industrial residuals under this agreement.

Landowner:

The Landowner is the owner of record of the real property located in Dinwiddie, Virginia, which includes the agricultural, silvicultural or reclamation sites identified below in Table 1 and identified on the tax map(s) with county documentation identifying owners, attached as Exhibit A.

Table 1.: Parcels authorized to receive biosolids, water treatment residuals or other industrial sludges			
Tax Parcel ID	Tax Parcel ID	Tax Parcel ID	Tax Parcel ID
<u>78-2A</u>			
<u>78-3</u>			
<u>78-3E</u>			

☐ Additional parcels containing Land Application Sites are identified on Supplement A (check if applicable)

Check one: ☐ The Landowner is the sole owner of the properties identified herein.
☒ The Landowner is one of multiple owners of the properties identified herein.


In the event that the Landowner sells or transfers all or part of the property to which biosolids have been applied within 38 months of the latest date of biosolids application, the Landowner shall:

1. Notify the purchaser or transferee of the applicable public access and crop management restrictions no later than the date of the property transfer; and
2. Notify the Permittee of the sale within two weeks following property transfer.

The Landowner has no other agreements for land application on the fields identified herein. The Landowner will notify the Permittee immediately if conditions change such that the fields are no longer available to the Permittee for application or any part of this agreement becomes invalid or the information herein contained becomes incorrect.

The Landowner hereby grants permission to the Permittee to land apply residuals as specified below, on the agricultural sites identified above and in Exhibit A. The Landowner also grants permission for DEQ staff to conduct inspections on the land identified above, before, during or after land application of permitted residuals for the purpose of determining compliance with regulatory requirements applicable to such application.


<u>Class B biosolids</u>	<u>Water treatment residuals</u>	<u>Food processing waste</u>	<u>Other industrial sludges</u>
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

Printed name <u>Earl Alan Mullis</u> By: Title* <u>Owner</u>	Mailing Address <u>5285 Harpers Rd</u> <u>McHenry, VA 23872</u> Phone No. <u>804-892-4466</u>	Landowner Signature 
<input type="checkbox"/> I certify that I have authority to sign for the landowner as indicated by my title as executor, Trustee or Power of attorney, etc.		
<input type="checkbox"/> I certify that I am a responsible official [or officer] authorized to act on behalf of the following corporation, partnership, proprietorship, LLC, municipality, state or federal agency, etc.		

Permittee:

Recyc Systems, Inc., the Permittee, agrees to apply biosolids and/or industrial residuals on the Landowner's land in the manner authorized by the VPA Permit Regulation and in amounts not to exceed the rates identified in the nutrient management plan prepared for each land application field by a person certified in accordance with \$10.1-104.2 of the Code of Virginia.

The Permittee agrees to notify the Landowner or the Landowner's designee of the proposed schedule for land application and specifically prior to any particular application to the Landowner's land. Notice shall include the source of residuals to be applied.

Printed name <u>Susan Trumbo</u> Title <u>Technical Manager</u>	Mailing Address <u>PO Box 562, Remington Virginia 22734</u> Phone No. <u>540-547-3300</u>	Permittee- Authorized Representative Signature 
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Permittee: Recyc Systems, Inc

County or City: Dinnwiddie

Landowner: Earl Alan Mullis

Landowner Site Management Requirements:

I, the Landowner, I have received a DEQ Biosolids Fact Sheet that includes information regarding regulations governing the land application of biosolids, the components of biosolids and proper handling and land application of biosolids.

I have also been expressly advised by the Permittee that the site management requirements and site access restrictions identified below must be complied with after biosolids have been applied on my property in order to protect public health, and that I am responsible for the implementation of these practices.

I agree to implement the following site management practices at each site under my ownership following the land application of biosolids at the site:

1. Notification Signs: I will not remove any signs posted by the Permittee for the purpose of identifying my field as a biosolids land application site, unless requested by the Permittee, until at least 30 days after land application at that site is completed.
2. Public Access
 - a. Public access to land with a high potential for public exposure shall be restricted for at least one year following any application of biosolids.
 - b. Public access to land with a low potential for public exposure shall be restricted for at least 30 days following any application of biosolids. No biosolids amended soil shall be excavated or removed from the site during this same period of time unless adequate provisions are made to prevent public exposure to soil, dusts or aerosols;
 - c. Turf grown on land where biosolids are applied shall not be harvested for one year after application of biosolids when the harvested turf is placed on either land with a high potential for public exposure or a lawn, unless otherwise specified by DEQ.
3. Crop Restrictions:
 - a. Food crops with harvested parts that touch the biosolids/soil mixture and are totally above the land surface shall not be harvested for 14 months after the application of biosolids.
 - b. Food crops with harvested parts below the surface of the land shall not be harvested for 20 months after the application of biosolids when the biosolids remain on the land surface for a time period of four (4) or more months prior to incorporation into the soil,
 - c. Food crops with harvested parts below the surface of the land shall not be harvested for 38 months when the biosolids remain on the land surface for a time period of less than four (4) months prior to incorporation.
 - d. Other food crops and fiber crops shall not be harvested for 30 days after the application of biosolids;
 - e. Feed crops shall not be harvested for 30 days after the application of biosolids (60 days if fed to lactating dairy animals).
4. Livestock Access Restrictions:

Following biosolids application to pasture or hayland sites:

 - a. Meat producing livestock shall not be grazed for 30 days,
 - b. Lactating dairy animals shall not be grazed for a minimum of 60 days.
 - c. Other animals shall be restricted from grazing for 30 days;
5. Supplemental commercial fertilizer or manure applications will be coordinated with the biosolids and industrial residuals applications such that the total crop needs for nutrients are not exceeded as identified in the nutrient management plan developed by a person certified in accordance with §10.1-104.2 of the Code of Virginia;
6. Tobacco, because it has been shown to accumulate cadmium, should not be grown on the Landowner's land for three years following the application of biosolids or industrial residuals which bear cadmium equal to or exceeding 0.45 pounds/acre (0.5 kilograms/hectare).

X Earl Alan Mullis 10/22/18
Landowner's Signature Date

X Earl Alan Mullis 10/22/18
Operator's Signature mailing address & phone Date

**VIRGINIA POLLUTION ABATEMENT PERMIT APPLICATION
FORM D: MUNICIPAL EFFLUENT AND BIOSOLIDS**

PART D-VI: LAND APPLICATION AGREEMENT - BIOSOLIDS AND INDUSTRIAL RESIDUALS

A. This land application agreement is made on 8-6-2020 between Mayme Mullis referred to here as "Landowner", and Recyc Systems, Inc. referred to here as the "Permittee". This agreement remains in effect until it is terminated in writing by either party or, with respect to those parcels that are retained by the Landowner in the event of a sale of one or more parcels, until ownership of all parcels changes. If ownership of individual parcels identified in this agreement changes, those parcels for which ownership has changed will no longer be authorized to receive biosolids or industrial residuals under this agreement.

Landowner:

The Landowner is the owner of record of the real property located in Dinwiddie, Virginia, which includes the agricultural, silvicultural or reclamation sites identified below in Table 1 and identified on the tax map(s) with county documentation identifying owners, attached as Exhibit A.

Table 1.: Parcels authorized to receive biosolids, water treatment residuals or other industrial sludges			
Tax Parcel ID	Tax Parcel ID	Tax Parcel ID	Tax Parcel ID
<u>78-2A</u>			
<u>78-3</u>			
<u>78-3E</u>			

☐ Additional parcels containing Land Application Sites are identified on Supplement A (check if applicable)

Check one: ☐ The Landowner is the sole owner of the properties identified herein.
☒ The Landowner is one of multiple owners of the properties identified herein.


In the event that the Landowner sells or transfers all or part of the property to which biosolids have been applied within 38 months of the latest date of biosolids application, the Landowner shall:

1. Notify the purchaser or transferee of the applicable public access and crop management restrictions no later than the date of the property transfer; and
2. Notify the Permittee of the sale within two weeks following property transfer.

The Landowner has no other agreements for land application on the fields identified herein. The Landowner will notify the Permittee immediately if conditions change such that the fields are no longer available to the Permittee for application or any part of this agreement becomes invalid or the information herein contained becomes incorrect.

The Landowner hereby grants permission to the Permittee to land apply residuals as specified below, on the agricultural sites identified above and in Exhibit A. The Landowner also grants permission for DEQ staff to conduct inspections on the land identified above, before, during or after land application of permitted residuals for the purpose of determining compliance with regulatory requirements applicable to such application.

Class B biosolids Water treatment residuals Food processing waste Other industrial sludges
☒ Yes ☐ No ☒ Yes ☐ No ☒ Yes ☐ No ☒ Yes ☐ No

Printed name <u>Mayme W. Mullis</u>	Mailing Address <u>5285 Harpers Rd.</u>	Landowner Signature 
By: _____	<u>McKenney, VA 23872</u>	
Title* _____	Phone No. <u>804-892-4466</u>	
<input type="checkbox"/> I certify that I have authority to sign for the landowner as indicated by my title as executor, Trustee or Power of attorney, etc. <input type="checkbox"/> I certify that I am a responsible official [or officer] authorized to act on behalf of the following corporation, partnership, proprietorship, LLC, municipality, state or federal agency, etc.		

Permittee:

Recyc Systems, Inc., the Permittee, agrees to apply biosolids and/or industrial residuals on the Landowner's land in the manner authorized by the VPA Permit Regulation and in amounts not to exceed the rates identified in the nutrient management plan prepared for each land application field by a person certified in accordance with §10.1-104.2 of the Code of Virginia.

The Permittee agrees to notify the Landowner or the Landowner's designee of the proposed schedule for land application and specifically prior to any particular application to the Landowner's land. Notice shall include the source of residuals to be applied.

Printed name <u>Susan Trumbo</u>	Mailing Address <u>PO Box 562, Remington Virginia 22734</u>	Permittee- Authorized Representative Signature 
Title <u>Technical Manager</u>	Phone No. <u>540-547-3300</u>	

Permittee: Recyc Systems, Inc

County or City: Dinwiddie

Landowner: Mayme Mullis

Landowner Site Management Requirements:

I, the Landowner, I have received a DEQ Biosolids Fact Sheet that includes information regarding regulations governing the land application of biosolids, the components of biosolids and proper handling and land application of biosolids.

I have also been expressly advised by the Permittee that the site management requirements and site access restrictions identified below must be complied with after biosolids have been applied on my property in order to protect public health, and that I am responsible for the implementation of these practices.

I agree to implement the following site management practices at each site under my ownership following the land application of biosolids at the site:

1. Notification Signs: I will not remove any signs posted by the Permittee for the purpose of identifying my field as a biosolids land application site, unless requested by the Permittee, until at least 30 days after land application at that site is completed.
2. Public Access
 - a. Public access to land with a high potential for public exposure shall be restricted for at least one year following any application of biosolids.
 - b. Public access to land with a low potential for public exposure shall be restricted for at least 30 days following any application of biosolids. No biosolids amended soil shall be excavated or removed from the site during this same period of time unless adequate provisions are made to prevent public exposure to soil, dusts or aerosols;
 - c. Turf grown on land where biosolids are applied shall not be harvested for one year after application of biosolids when the harvested turf is placed on either land with a high potential for public exposure or a lawn, unless otherwise specified by DEQ.
3. Crop Restrictions:
 - a. Food crops with harvested parts that touch the biosolids/soil mixture and are totally above the land surface shall not be harvested for 14 months after the application of biosolids.
 - b. Food crops with harvested parts below the surface of the land shall not be harvested for 20 months after the application of biosolids when the biosolids remain on the land surface for a time period of four (4) or more months prior to incorporation into the soil,
 - c. Food crops with harvested parts below the surface of the land shall not be harvested for 38 months when the biosolids remain on the land surface for a time period of less than four (4) months prior to incorporation.
 - d. Other food crops and fiber crops shall not be harvested for 30 days after the application of biosolids;
 - e. Feed crops shall not be harvested for 30 days after the application of biosolids (60 days if fed to lactating dairy animals).
4. Livestock Access Restrictions:

Following biosolids application to pasture or hayland sites:

 - a. Meat producing livestock shall not be grazed for 30 days,
 - b. Lactating dairy animals shall not be grazed for a minimum of 60 days.
 - c. Other animals shall be restricted from grazing for 30 days;
5. Supplemental commercial fertilizer or manure applications will be coordinated with the biosolids and industrial residuals applications such that the total crop needs for nutrients are not exceeded as identified in the nutrient management plan developed by a person certified in accordance with §10.1-104.2 of the Code of Virginia;
6. Tobacco, because it has been shown to accumulate cadmium, should not be grown on the Landowner's land for three years following the application of biosolids or industrial residuals which bear cadmium equal to or exceeding 0.45 pounds/acre (0.5 kilograms/hectare).

X

Mayme Mullis
Landowner's Signature

8/6/2020
Date

X

Operator's Signature

mailing address & phone

Date

VIRGINIA POLLUTION ABATEMENT PERMIT APPLICATION

FORM D: MUNICIPAL EFFLUENT AND BIOSOLIDS

PART D-VI: LAND APPLICATION AGREEMENT - BIOSOLIDS AND INDUSTRIAL RESIDUALS

A. This land application agreement is made on 11-24-14 between Anne S. Horner Trustee referred to here as "Landowner", and Recyc Systems, Inc. referred to here as the "Permittee". This agreement remains in effect until it is terminated in writing by either party or, with respect to those parcels that are retained by the Landowner in the event of a sale of one or more parcels, until ownership of all parcels changes. If ownership of individual parcels identified in this agreement changes, those parcels for which ownership has changed will no longer be authorized to receive biosolids or industrial residuals under this agreement.

Landowner:

The Landowner is the owner of record of the real property located in Dinwiddie Virginia, which includes the agricultural, silvicultural or reclamation sites identified below in Table 1 and identified on the tax map(s) attached as Exhibit A.

Table 1.: Parcels authorized to receive biosolids, water treatment residuals or other industrial sludges			
Tax Parcel ID	Tax Parcel ID	Tax Parcel ID	Tax Parcel ID
90-14			
90-18			

☐ Additional parcels containing Land Application Sites are identified on Supplement A (check if applicable)

Check one:

- ☐ The Landowner is the sole owner of the properties identified herein.
☒ The Landowner is one of multiple owners of the properties identified herein.

In the event that the Landowner sells or transfers all or part of the property to which biosolids have been applied within 38 months of the latest date of biosolids application, the Landowner shall:

1. Notify the purchaser or transferee of the applicable public access and crop management restrictions no later than the date of the property transfer; and
2. Notify the Permittee of the sale within two weeks following property transfer.

The Landowner has no other agreements for land application on the fields identified herein. The Landowner will notify the Permittee immediately if conditions change such that the fields are no longer available to the Permittee for application or any part of this agreement becomes invalid or the information herein contained becomes incorrect.

The Landowner hereby grants permission to the Permittee to land apply residuals as specified below, on the agricultural sites identified above and in Exhibit A. The Landowner also grants permission for DEQ staff to conduct inspections on the land identified above, before, during or after land application of permitted residuals for the purpose of determining compliance with regulatory requirements applicable to such application.

<u>Class B biosolids</u>	<u>Water treatment residuals</u>	<u>Food processing waste</u>	<u>Other industrial sludges</u>
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

<p>* <u>Leslie Horner Kendall, Co Trustee</u> Landowner - Printed Name, Title</p>	<p><u>Leslie Horner Kendall</u> Signature</p>	<p><u>252-281-1608</u> <u>1000 Branch St Wilson, VA 27893</u> Mailing Address & Phone Number</p>
<p>* <u>MARION R. HORNER, Co Trustee</u> Landowner - Printed Name, Title</p>	<p><u>Marion R. Horner</u> Signature</p>	<p><u>1217 W. ROSLYNE RD. COLONIAL HEIGHTS, VA 23834</u> <u>804-526-3830</u> Mailing Address & Phone Number</p>

Permittee:

Recyc Systems, Inc., the Permittee, agrees to apply biosolids and/or industrial residuals on the Landowner's land in the manner authorized by the VPA Permit Regulation and in amounts not to exceed the rates identified in the nutrient management plan prepared for each land application field by a person certified in accordance with §10.1-104.2 of the Code of Virginia.

The Permittee agrees to notify the Landowner or the Landowner's designee of the proposed schedule for land application and specifically prior to any particular application to the Landowner's land. Notice shall include the source of residuals to be applied.

☐ I reviewed the document(s) assigning signatory authority to the person signing for landowner above. I will make a copy of this document(s) available to DEQ for review upon request. (Do not check this box if the landowner signs this agreement)

[Signature]
 Permittee - Authorized Representative
 Printed Name

[Signature]
 Signature

PO Box 562 Remington, Virginia 22734
 Mailing Address

VIRGINIA POLLUTION ABATEMENT PERMIT APPLICATION: PART D-VI LAND APPLICATION AGREEMENT

Permittee: Recyc Systems, Inc

County or City: Dinwiddie

Landowner: Marion Raymond Horner, Jr.
Leslie Horner Kendall

Landowner Site Management Requirements:

I, the Landowner, I have received a DEQ Biosolids Fact Sheet that includes information regarding regulations governing the land application of biosolids, the components of biosolids and proper handling and land application of biosolids.

I have also been expressly advised by the Permittee that the site management requirements and site access restrictions identified below must be complied with after biosolids have been applied on my property in order to protect public health, and that I am responsible for the implementation of these practices.

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2. Public Access
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 - b. Public access to land with a low potential for public exposure shall be restricted for at least 30 days following any application of biosolids. No biosolids amended soil shall be excavated or removed from the site during this same period of time unless adequate provisions are made to prevent public exposure to soil, dusts or aerosols;
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6. Tobacco, because it has been shown to accumulate cadmium, should not be grown on the Landowner's land for three years following the application of biosolids or industrial residuals which bear cadmium equal to or exceeding 0.45 pounds/acre (0.5 kilograms/hectare).

* Leslie Horner Kendall
Landowner's Signature

* Marion A. Horner

✓ 11-24-2014
Date

Alan
Rafael Phil
Farm Operator Signature

5285 Angers Rd. Mekin Va
Mailing Address & Phone Number 23872

Landowner Coordination Form

Permittee: Recyc Systems, Inc.

County or City: Dinwiddie County

Signature not required on this page

[illegible]

FARM DATA SHEET

SITE NAME:	Earl Alan Mullis	COUNTY:	Dinwiddie
OWNER:	See List Below	OPERATOR:	Earl Alan Mullis
OWNER'S ADDRESS:	See List Below	OPERATOR'S ADDRESS:	5285 Harpers Rd. McKenney, VA 23872
OWNER'S TELEPHONE:	See List Below	OPERATOR'S TELEPHONE:	804-892-4466
GENERAL FARM TYPE:	Hay, Pasture & Cattle	CELL PHONE:	-
# CATTLE:	50	EMAIL:	-
LAGOON or SLURRY:	None	LATITUDE:	F 1-9 36.992 F 10-15 36.941
TOPO QUAD:	Warfield & McKenney	LONGITUDE:	F 1-9 -77.818 F 10-15 -77.722
COMMENTS:	METHOD OF DETERMINATION: Online Maps		
Earl Alan and Mayme Wran Mullis 5285 Harpers Road McKenney, VA 23872 804-892-4466	Marion R. Horner co-trustee of the Anne S. Horner Revocable Trust 1217 W. Roslyne Road Colonial Heights, VA 23934 804-526-3830	Leslie Horner-Kendall co-trustee of the Anne S. Horner Revocable Trust 1000 Branch Street Wilson, NC 27893 252-281-1608	
Mayme W. Mullis and Wran M. Mullis are the same person. The county has her listed two different ways. Her real name is Mayme Wran Mullis.			

8-14-20
AB/BB

NEW FIELD CHANGES

EARL ALAN MULLIS

DINWIDDIE COUNTY

NEW FIELD 1 IS OLD FIELD 1.

NEW FIELD 2 IS OLD FIELDS 2 AND 4.

NEW FIELD 3 IS OLD FIELD 3.

NEW FIELD 4 IS OLD FIELDS 11 AND 12.

NEW FIELD 5 IS PART OF OLD FIELD 4.

NEW FIELD 6 IS OLD FIELD 5 AND 13.

NEW FIELD 7 IS PART OF OLD FIELD 14.

NEW FIELD 8 IS OLD FIELD 6 AND PART OF OLD FIELD 14.

NEW FIELD 9 IS A NEW FIELD.

NEW FIELD 10 IS OLD FIELD 7.

NEW FIELD 11 IS PART OF OLD FIELD 9.

NEW FIELD 12 IS PART OF OLD FIELD 8.

NEW FIELD 13 IS PART OF OLD FIELD 8.

NEW FIELD 14 IS OLD FIELD 10.

NEW FIELD 15 IS PART OF OLD FIELDS 7 AND 9.

RECYC SYSTEMS, INC

FIELD DATA SHEET

Field Identification	Gross Acres	Environmentally Sensitive Soils				Hydro Map	Tax Map #	FSA Tract #
		Water Table	Bed Rock/ Shallow	Surf/ Leach	Freq Flood			
DWEAM 1	11.6	-	-	-	-	CU 11	78-3	T 5256 F 7, 20
DWEAM 2	18.0	-	-	-	-	CU 11	78-3 78-2A	T 5256 F 2, 3
DWEAM 3	25.5	-	-	-	-	CU 11	78-3	T 5256 F 8
DWEAM 4N	27.7	16A Nov-May	-	-	-	CU 11	78-3 78-2A	T 5256 F 13
DWEAM 5N	4.7	-	-	-	-	CU 11	78-3	T 5256 F 4, 5
DWEAM 6N	43.4	-	-	-	-	CU 11	78-3	T 5256 F 6, 9, 10, 11, 14, 15
DWEAM 7N	26.0	16A Nov-May	-	-	-	CU 11	78-3	T 5256 F 15
DWEAM 8N	9.1	-	-	-	-	CU 11	78-3	T 5256 F 12, 15
DWEAM 9N	8.2	-	-	-	-	CU 11	78-3E	T 5454 F None

3-2-21

RECYC SYSTEMS, INC

FIELD DATA SHEET

Field Identification	Gross Acres	Environmentally Sensitive Soils				Hydro Map	Tax Map #	FSA Tract #
		Water Table	Bed Rock/ Shallow	Surf/ Leach	Freq Flood			
DWEAM 10N	10.2	-	-	-	-	CU 13	90-18	T 857 F 1
DWEAM 11N	7.0	-	-	-	-	CU 13	90-18	T 857 F 4, 5
DWEAM 12N	19.0	16A Nov-May	-	-	-	CU 13	90-18	T 857 F 3
DWEAM 13N	11.2	16A Nov-May	-	-	-	CU 13	90-18	T 857 F 3
DWEAM 14N	8.0	-	-	-	-	CU 13	90-18	T 857 F 6, 7
DWEAM 15	5.2	-	-	-	-	CU 13	90-14	T 857 F 1, 2
TOTAL ACRES IN SITE	234.8							

3-2-21

THE PLANNER IS NOT STATE CERTIFIED

Nutrient Management Plan Balance Sheet
(Fall, 2020-Winter, 2022)
Earl Alan Mullis
Planner: John Doe

Tract: 857

Location: Dinwiddie

(N = N based, 1P = P based, 1.5P = P based at 1.5 removal, 0P = No P allowed)

Field CFSA No. /Name	Size (ac) Total/ Used	Yr.	Crop	Needs N-P-K (lbs/ac)	Leg /Man Resid	Manure/Biosld Rate & Type (season)	IT (d)	Man/Bios N-P-K (lbs/ac)	Net = Needs - appld N-P-K (lbs/ac)	Sum P rem cred	Commercial N-P-K (lbs/ac)	Notes	
1/DWEAM 10(N)	10/10	2020	Grass Pasture	50-80-80	0/0				50-80-80	N/A			
4, 5/DWEAM 11(N)	7/7	2020	Grass Pasture	50-80-80	0/0				50-80-80	N/A			
3/DWEAM 12(N)	19/19	2020	Grass Pasture	50-80-80	0/0				50-80-80	N/A			
3/DWEAM 13(N)	11/11	2020	Grass Pasture	0-0-0	0/0				0-0-0	N/A			
6, 7/DWEAM 14(N)	8/8	2020	Grass Pasture	50-80-80	0/0				50-80-80	N/A			
1, 2/DWEAM 15(N)	5/5	2020	Grass Pasture	50-80-80	0/0				50-80-80	N/A			

Commercial Application Methods:

br - Broadcast ba - Banded sd - Sidedress

Notes:

Tract: 5256

Location: Dinwiddie

(N = N based, 1P = P based, 1.5P = P based at 1.5 removal, 0P = No P allowed)

Field CFSA No. /Name	Size (ac) Total/ Used	Yr.	Crop	Needs N-P-K (lbs/ac)	Leg /Man Resid	Manure/Biosld Rate & Type (season)	IT (d)	Man/Bios N-P-K (lbs/ac)	Net = Needs - appld N-P-K (lbs/ac)	Sum P rem cred	Commercial N-P-K (lbs/ac)	Notes	
7, 20/DWEAM 1(N)	12/12	2020	Grass Pasture	50-80-80	0/0				50-80-80	N/A			
3, 2/DWEAM 2(N)	18/18	2020	Grass Pasture	50-80-80	0/0				50-80-80	N/A			
8/DWEAM 3(N)	26/26	2020	Grass Pasture	50-80-80	0/0				50-80-80	N/A			
13/DWEAM 4(N)	28/28	2020	Grass Pasture	50-30-40	0/0				50-30-40	N/A			
4, 5/DWEAM 5(N)	5/5	2020	Grass Pasture	50-80-80	0/0				50-80-80	N/A			
6, 9, 10, 11, 14, 15/DWEAM 6(N)	43/43	2020	Grass Pasture	50-80-80	0/0				50-80-80	N/A			
15/DWEAM 7(N)	26/26	2020	Grass Pasture	50-30-40	0/0				50-30-40	N/A			
12, 15/DWEAM 8(N)	9/9	2020	Grass Pasture	50-80-80	0/0				50-80-80	N/A			

Commercial Application Methods:

br - Broadcast ba - Banded sd - Sidedress

Notes:

Tract: 5454

Location: Dinwiddie

(N = N based, 1P = P based, 1.5P = P based at 1.5 removal, 0P = No P allowed)

Field CFSA No. /Name	Size (ac) Total/ Used	Yr.	Crop	Needs N-P-K (lbs/ac)	Leg /Man Resid	Manure/Biosld Rate & Type (season)	IT (d)	Man/Bios N-P-K (lbs/ac)	Net = Needs - appld N-P-K (lbs/ac)	Sum P rem cred	Commercial N-P-K (lbs/ac)	Notes	
None/DWEAM 9(N)	8/8	2020	Fescue grass hay mt.	90-80-170	0/0				90-80-170	N/A			

Commercial Application Methods:

br - Broadcast ba - Banded sd - Sidedress

Notes:

Soil Test Summary

Tract	Field	Acre	Date	P2O5	K2O	Lab	Soil pH	Lime Date	rec. lime tons/Ac
857	DWEAM 10	10	[No Test]						
857	DWEAM 11	7	[No Test]						
857	DWEAM 12	19	[No Test]						
857	DWEAM 13	11	[No Test]						
857	DWEAM 14	8	[No Test]						
857	DWEAM 15	5	[No Test]						
5256	DWEAM 1	12	[No Test]						
5256	DWEAM 2	18	[No Test]						
5256	DWEAM 3	26	[No Test]						
5256	DWEAM 4	28	[No Test]						
5256	DWEAM 5	5	[No Test]						
5256	DWEAM 6	43	[No Test]						
5256	DWEAM 7	26	[No Test]						
5256	DWEAM 8	9	[No Test]						
5454	DWEAM 9	8	[No Test]						

Field Productivities for Major Crops

Tract Name	Tract/ Field	Field Name	Acres	Predominant Soil Series	Corn	Small Grain	Alfalfa	Grass Hay	Environmental Warnings
857	857/1	DWEAM 10	10	Cecil	IVa	II	III	II	
	857/4, 5	DWEAM 11	7	Cecil	IVa	II	III	II	
	857/3	DWEAM 12	19	Cecil	IVa	II	III	II	
	857/3	DWEAM 13	11	Roanoke	V	V	Not Suited	Not Suited	
	857/6, 7	DWEAM 14	8	Cecil	IVa	II	III	II	
	857/1, 2	DWEAM 15	5	Cecil	IVa	II	III	II	
5256	5256/7, 20	DWEAM 1	12	Cecil	IVa	II	III	II	
	5256/3, 2	DWEAM 2	18	Cecil	IVb	III	III	III	
	5256/8	DWEAM 3	26	Cecil	IVa	II	III	II	
	5256/13	DWEAM 4	28	Cecil	IVb	IV	III	IV	
	5256/4, 5	DWEAM 5	5	Cecil	IVa	II	III	II	
	5256/6, 9, 1	DWEAM 6	43	Cecil	IVa	II	III	II	
	5256/15	DWEAM 7	26	Roanoke	IVb	IV	Not Suited	IV	
	5256/12, 15	DWEAM 8	9	Cecil	IVa	II	III	II	
5454	5454/None	DWEAM 9	8	Cecil	IVa	II	III	II	

Yield Range

Field Productivity Group	Corn Grain Bu/Acre	Barley/Intensive Wheat Bu/Acre	Std. Wheat Bu/Acre	Alfalfa Tons/Acre	Grass/Hay Tons/Acre
I	>170	>80	>64	>6	>4.0
II	150-170	70-80	56-64	4-6	3.5-4.0
III	130-150	60-70	48-56	<4	3.0-3.5
IV	100-130	50-60	40-48	NA	<3.0
V	<100	<50	<40	NA	NA

Farm Summary Report

Plan: **New Plan** **Fall, 2020 - Winter, 2022**

Farm Name: **Earl Alan Mullis**

Location: Dinwiddie

Specialist: John Doe

N-based Acres: 234.8

P-based Acres: 0.0

Tract Name: **857**

FSA Number: 857

Location: Dinwiddie

Field Name: **DWEAM 10**

Total Acres: 10.20 Usable Acres: 10.20

FSA Number: 1

Tract: 857

Location: Dinwiddie

Slope Class: B Hydrologic Group: B

Riparian buffer width: 0 ft

Distance to stream: 0 ft

Conservation Practices:

Pasture (>75% cover)

P-Index Summary

N-based

Phosphorus Limit method: Phosphorus Environmental Threshold (PET) method

Soil Test Results:

DATE	PH	P	K	Lab
[NO TEST]				

Soils:

PERCENT	SYMBOL	SOIL SERIES
---------	--------	-------------

69	4B	Cecil
31	4C	Cecil

Field Warnings:

Field Name: DWEAM 11

Total Acres: 7.00 Usable Acres: 7.00

FSA Number: 4, 5

Tract: 857

Location: Dinwiddie

Slope Class: B Hydrologic Group: B

Riparian buffer width: 0 ft

Distance to stream: 0 ft

Conservation Practices:

Pasture (>75% cover)

P-Index Summary

N-based

Phosphorus Limit method: Phosphorus Environmental Threshold (PET) method

Soil Test Results:

DATE	PH	P	K	Lab
	[NO TEST]			

Soils:

PERCENT	SYMBOL	SOIL SERIES
20	4C	Cecil
80	4B	Cecil

Field Warnings:

Field Name: DWEAM 12

Total Acres: 19.00 Usable Acres: 19.00

FSA Number: 3

Tract: 857

Location: Dinwiddie

Slope Class: B Hydrologic Group: B

Riparian buffer width: 0 ft

Distance to stream: 0 ft

Conservation Practices:

Pasture (>75% cover)

P-Index Summary

N-based

Phosphorus Limit method: Phosphorus Environmental Threshold (PET) method

Soil Test Results:

DATE	PH	P	K	Lab
	[NO TEST]			

Soils:

PERCENT	SYMBOL	SOIL SERIES
58	4B	Cecil
40	4C	Cecil
2	16A	Roanoke

Field Warnings:

Field Name: DWEAM 13

Total Acres: 11.20 Usable Acres: 11.20

FSA Number: 3

Tract: 857

Location: Dinwiddie

Slope Class: B Hydrologic Group: C

Riparian buffer width: 0 ft

Distance to stream: 0 ft

Conservation Practices:

Pasture (>75% cover)

P-Index Summary

N-based

Phosphorus Limit method: Phosphorus Environmental Threshold (PET) method

Soil Test Results:

DATE	PH	P	K	Lab
	[NO TEST]			

Soils:

PERCENT	SYMBOL	SOIL SERIES
76	16A	Roanoke
20	4C	Cecil
5	4B	Cecil

Field Warnings:

Field Name: DWEAM 14

Total Acres: 8.00 Usable Acres: 8.00

FSA Number: 6, 7

Tract: 857

Location: Dinwiddie

Slope Class: B Hydrologic Group: B

Riparian buffer width: 0 ft

Distance to stream: 0 ft

Conservation Practices:

Pasture (>75% cover)

P-Index Summary

N-based

Phosphorus Limit method: Phosphorus Environmental Threshold (PET) method

Soil Test Results:

DATE	PH	P	K	Lab
	[NO TEST]			

Soils:

PERCENT	SYMBOL	SOIL SERIES
20	2C	Appling
76	4B	Cecil
4	4C	Cecil

Field Warnings:**Field Name: DWEAM 15**

Total Acres: 5.20 Usable Acres: 5.20

FSA Number: 1, 2

Tract: 857

Location: Dinwiddie

Slope Class: B Hydrologic Group: B

Riparian buffer width: 0 ft

Distance to stream: 0 ft

Conservation Practices:

Pasture (>75% cover)

P-Index Summary

N-based

Phosphorus Limit method: Phosphorus Environmental Threshold (PET) method

Soil Test Results:

DATE	PH	P	K	Lab
[NO TEST]				

Soils:

PERCENT	SYMBOL	SOIL SERIES
100	4B	Cecil

Field Warnings:**Tract Name: 5256**

FSA Number: 5256

Location: Dinwiddie

Field Name: DWEAM 1

Total Acres: 11.60 Usable Acres: 11.60

FSA Number: 7, 20

Tract: 5256

Location: Dinwiddie

Slope Class: B Hydrologic Group: B

Riparian buffer width: 0 ft

Distance to stream: 0 ft

Conservation Practices:

Pasture (>75% cover)

P-Index Summary

N-based

Phosphorus Limit method: Phosphorus Environmental Threshold (PET) method

Soil Test Results:

DATE	PH	P	K	Lab
[NO TEST]				

Soils:

PERCENT	SYMBOL	SOIL SERIES
63	4B	Cecil
37	4C	Cecil

Field Warnings:**Field Name: DWEAM 2**

Total Acres: 18.00 Usable Acres: 18.00

FSA Number: 3, 2

Tract: 5256

Location: Dinwiddie

Slope Class: C Hydrologic Group: B

Riparian buffer width: 0 ft

Distance to stream: 0 ft

Conservation Practices:

Pasture (>75% cover)

P-Index Summary

N-based

Phosphorus Limit method: Phosphorus Environmental Threshold (PET) method

Soil Test Results:

DATE	PH	P	K	Lab
	[NO TEST]			

Soils:

PERCENT	SYMBOL	SOIL SERIES
61	4C	Cecil
32	4B	Cecil
7	W	Water

Field Warnings:

Field Name: DWEAM 3

Total Acres: 25.50 Usable Acres: 25.50

FSA Number: 8

Tract: 5256

Location: Dinwiddie

Slope Class: C Hydrologic Group: B

Riparian buffer width: 0 ft

Distance to stream: 0 ft

Conservation Practices:

Pasture (>75% cover)

P-Index Summary

N-based

Phosphorus Limit method: Phosphorus Environmental Threshold (PET) method

Soil Test Results:

DATE	PH	P	K	Lab
	[NO TEST]			

Soils:

PERCENT	SYMBOL	SOIL SERIES
51	4B	Cecil
49	4C	Cecil

Field Warnings:**Field Name: DWEAM 4**

Total Acres: 27.70 Usable Acres: 27.70

FSA Number: 13

Tract: 5256

Location: Dinwiddie

Slope Class: B Hydrologic Group: B

Riparian buffer width: 0 ft

Distance to stream: 0 ft

Conservation Practices:

Pasture (>75% cover)

P-Index Summary

N-based

Phosphorus Limit method: Phosphorus Environmental Threshold (PET) method

Soil Test Results:

DATE	PH	P	K	Lab
	[NO TEST]			

Soils:

PERCENT	SYMBOL	SOIL SERIES
47	4C	Cecil
12	4B	Cecil
41	16A	Roanoke

Field Warnings:

Field Name: DWEAM 5

Total Acres: 4.70 Usable Acres: 4.70

FSA Number: 4, 5

Tract: 5256

Location: Dinwiddie

Slope Class: C Hydrologic Group: B

Riparian buffer width: 0 ft

Distance to stream: 0 ft

Conservation Practices:

Pasture (>75% cover)

P-Index Summary

N-based

Phosphorus Limit method: Phosphorus Environmental Threshold (PET) method

Soil Test Results:

DATE	PH	P	K	Lab
	[NO TEST]			

Soils:

PERCENT	SYMBOL	SOIL SERIES
21	4B	Cecil
79	4C	Cecil

Field Warnings:

Field Name: DWEAM 6

Total Acres: 43.40 Usable Acres: 43.40

FSA Number: 6, 9, 10, 11, 14, 15

Tract: 5256

Location: Dinwiddie

Slope Class: C Hydrologic Group: B

Riparian buffer width: 0 ft
Distance to stream: 0 ft

Conservation Practices:

Pasture (>75% cover)

P-Index Summary

N-based

Phosphorus Limit method: Phosphorus Environmental Threshold (PET) method

Soil Test Results:

DATE	PH	P	K	Lab
	[NO TEST]			

Soils:

PERCENT	SYMBOL	SOIL SERIES
33	4B	Cecil
67	4C	Cecil

Field Warnings:

Field Name: DWEAM 7

Total Acres: 26.00 Usable Acres: 26.00

FSA Number: 15

Tract: 5256

Location: Dinwiddie

Slope Class: B Hydrologic Group: C

Riparian buffer width: 0 ft
Distance to stream: 0 ft

Conservation Practices:

Pasture (>75% cover)

P-Index Summary

N-based

Phosphorus Limit method: Phosphorus Environmental Threshold (PET) method

Soil Test Results:

DATE	PH	P	K	Lab
	[NO TEST]			

Soils:

PERCENT	SYMBOL	SOIL SERIES
1	4B	Cecil
36	4C	Cecil
63	16A	Roanoke

Field Warnings:**Field Name: DWEAM 8**

Total Acres: 9.10 Usable Acres: 9.10

FSA Number: 12, 15

Tract: 5256

Location: Dinwiddie

Slope Class: B Hydrologic Group: B

Riparian buffer width: 0 ft

Distance to stream: 0 ft

Conservation Practices:

Pasture (>75% cover)

P-Index Summary

N-based

Phosphorus Limit method: Phosphorus Environmental Threshold (PET) method

Soil Test Results:

DATE	PH	P	K	Lab
	[NO TEST]			

Soils:

PERCENT	SYMBOL	SOIL SERIES
72	4B	Cecil

28 4C Cecil

Field Warnings:

Tract Name: **5454**

FSA Number: 5454

Location: Dinwiddie

Field Name: **DWEAM 9**

Total Acres: 8.20 Usable Acres: 8.20

FSA Number: None

Tract: 5454

Location: Dinwiddie

Slope Class: B Hydrologic Group: B

Riparian buffer width: 0 ft

Distance to stream: 0 ft

Conservation Practices:

Pasture (>75% cover)

P-Index Summary

N-based

Phosphorus Limit method: Phosphorus Environmental Threshold (PET) method

Soil Test Results:

DATE	PH	P	K	Lab
[NO TEST]				

Soils:

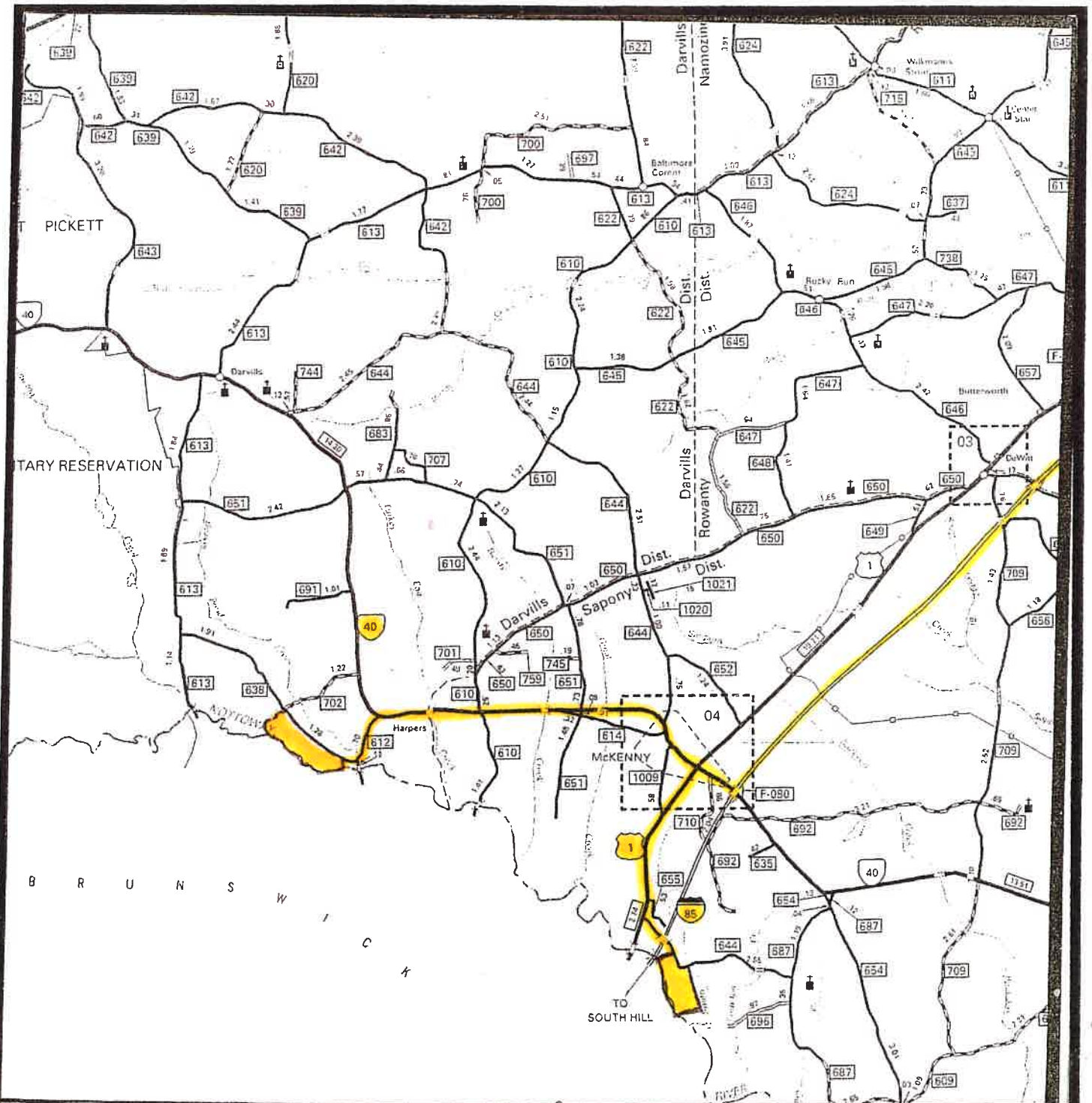
PERCENT	SYMBOL	SOIL SERIES
15	4C	Cecil
85	4B	Cecil

Field Warnings:

MAPS

Recyc SystemsTM Inc.

(Biosolids Land Application)



Scale:

1 inch = 2 miles

DWEAM 1-1⁵

8-12-2020

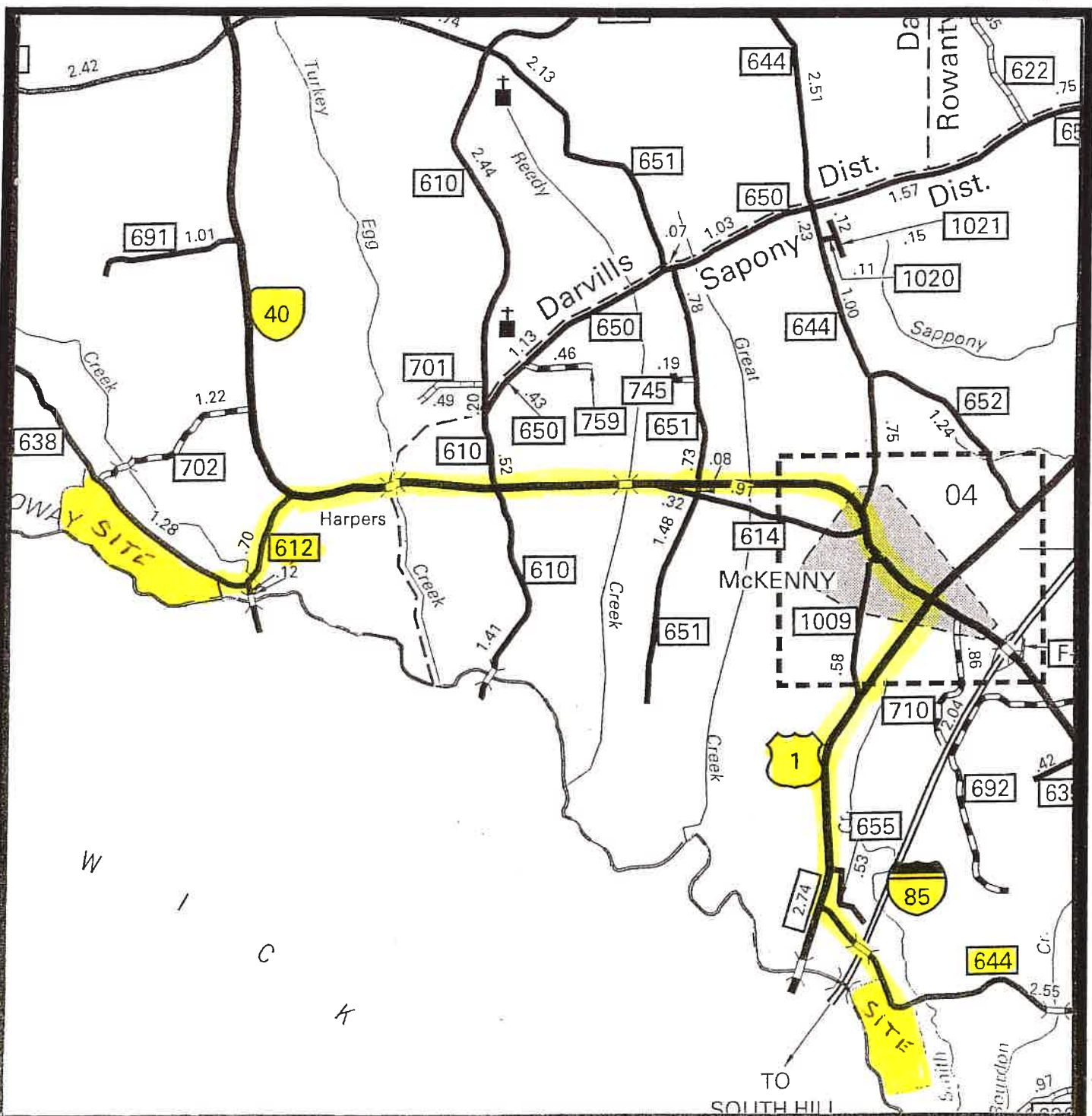
Truck
Route

VICINITY MAP



Recyc SystemsTM Inc.

(Biosolids Land Application)



Scale: 1 inch = 1 mile

DWEAM 1-15

8-12-2020
Truck
Route

VICINITY MAP





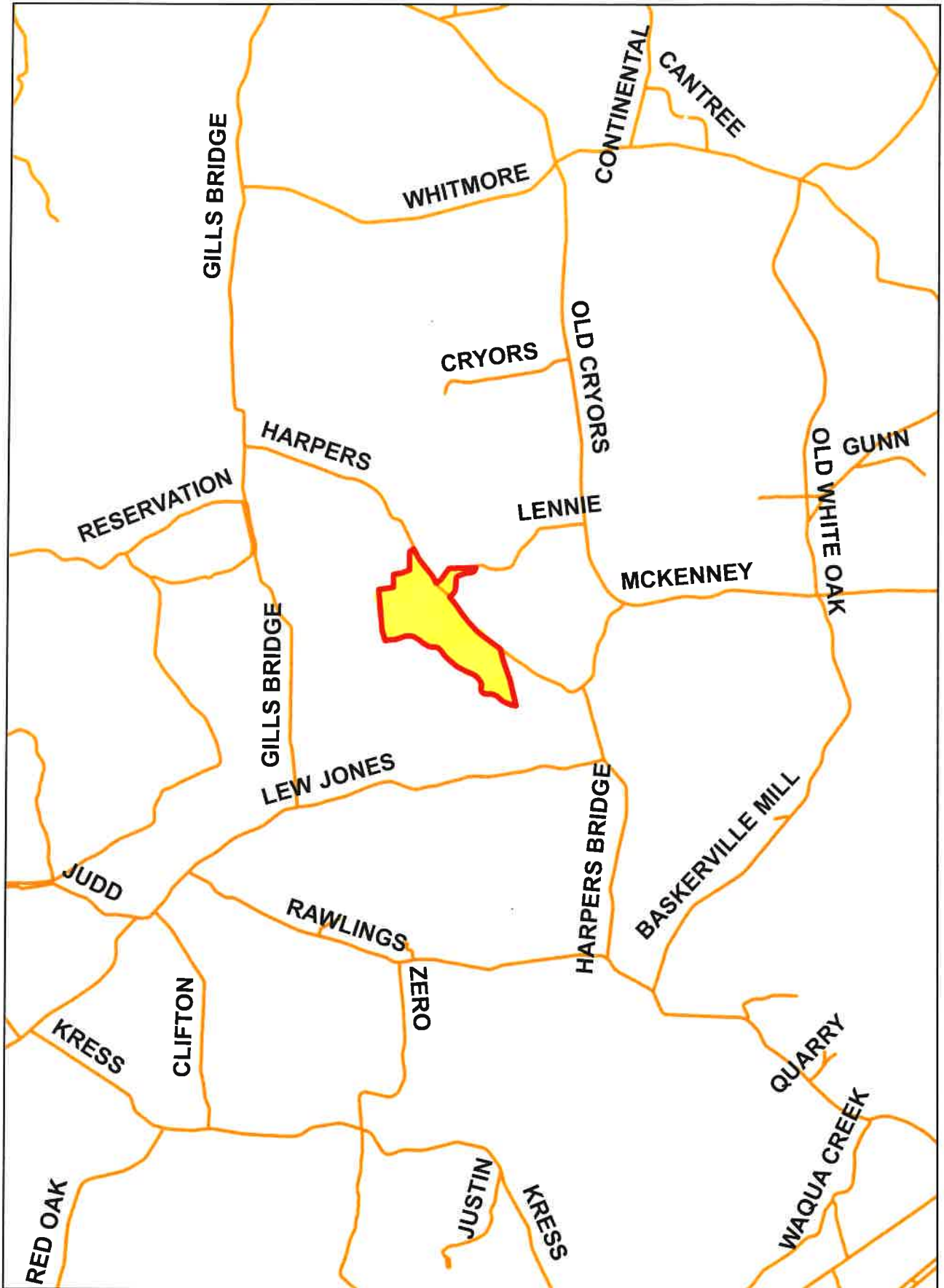
This map shows a network of roads and place names in a rural area. The highlighted yellow regions are located near Harpers and Rawlings. The map includes the following place names and landmarks:

- Top Section:** SETTIZ TARGET, DARVILLS, MCKISSICKS, BRILLS, CANTREE, MANSON CHURCH, OLD WHITE OAK, BALTIMORE, SCOTTS, GLEBE, NASH, DOYLE, HUDGINS, PINE.
- Middle Section:** WHITMORE, OLD CRYORS, GUNN, MCKENNEY, SUNNYSIDE, BOYDTON PLANK, INTERSTATE 85, SHIPPINGS, SAPONY CHURCH, MCKENNEY, RAINEY CREEK, CUT BANK.
- Left Section:** GILLS BRIDGE, RESERVATION, HARPERS, LEW JONES, JUDD, KRESS, CLIFTON, ZERO, JUSTIN, KRESS, RED OAK, LITTLEMONT, CHESTNUT, TOWNSHIP, POOR HOUSE, HOLLY, OLD BRIDGE, STURGEON, LIBERTY.
- Right Section:** RAWLINGS, SHADY, ANTIOCH WINDMILL, EBENEZER, GREAT OAK, OLD STAGE, ROBIN, SMOKY ORDINARY.

8-14-2020

Vicinity Map

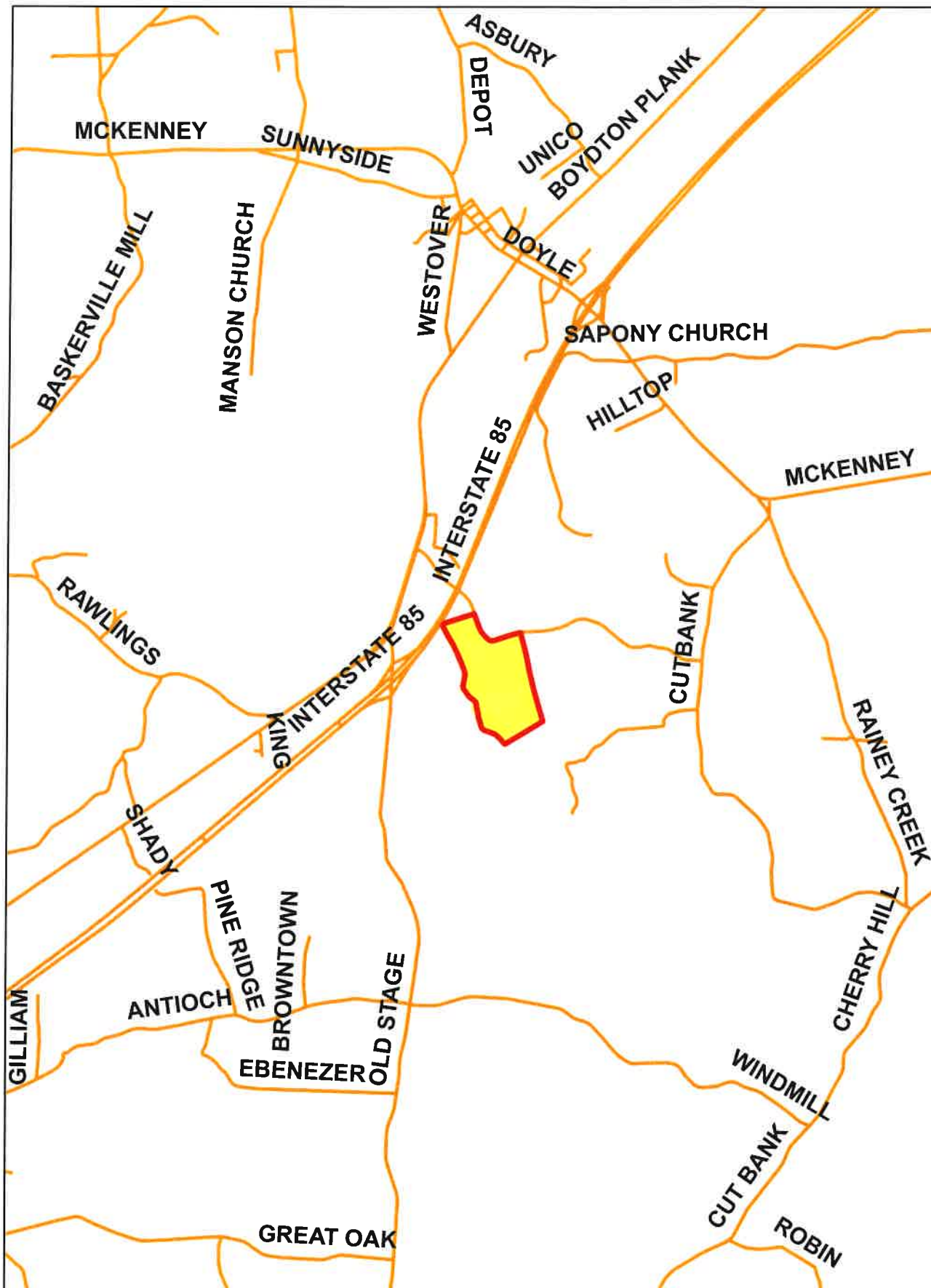
1 in = 2 miles



8-14-2020

Vinicity Map

1 in = 1 miles



8-14-2020

Vicinity Map

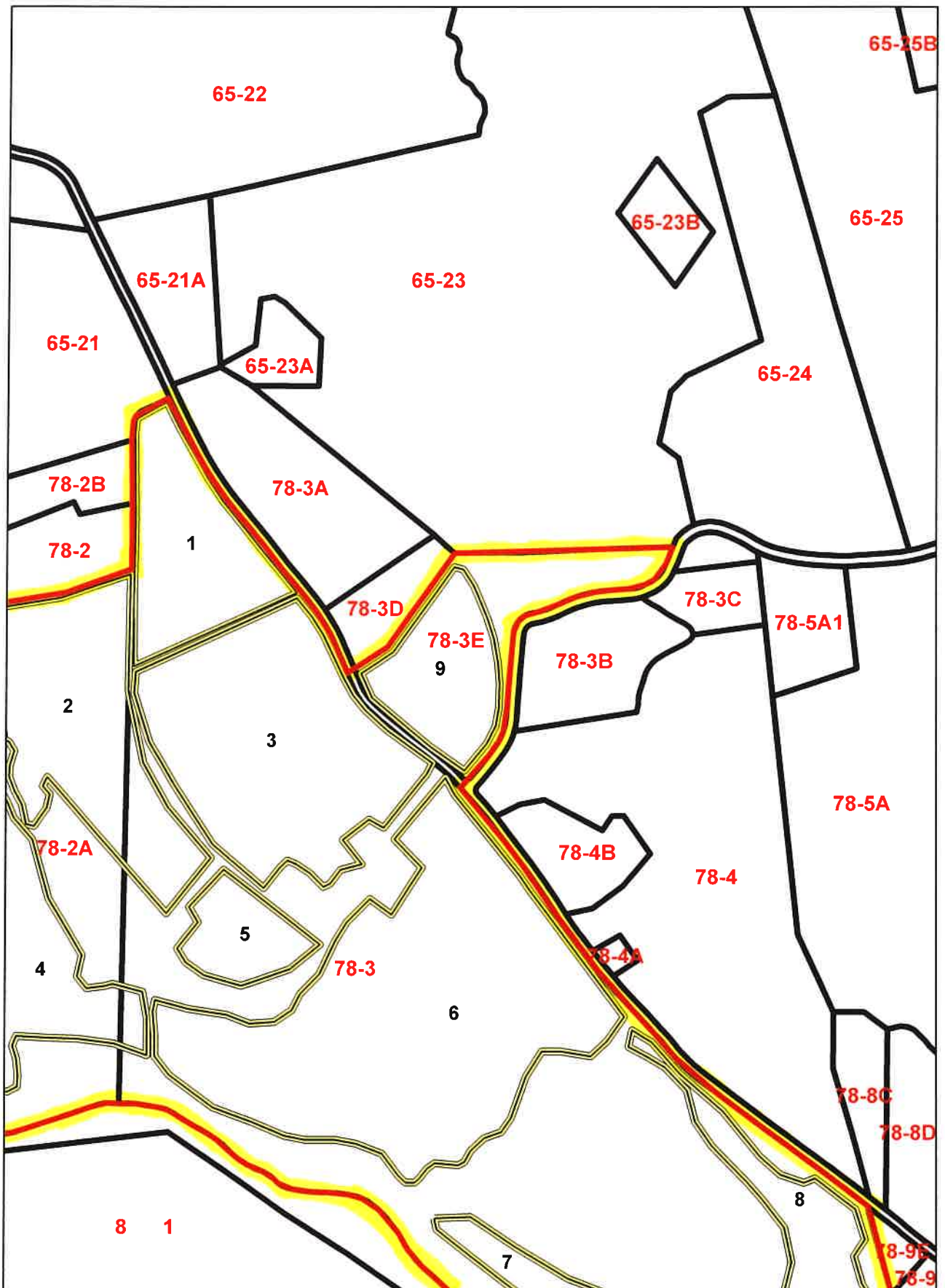
1 in = 1 miles



8-14-2020

Tax Map

1 in = 660 feet



8-14-2020

Tax Map

1 in = 660 feet



Recyc Systems
Inc.

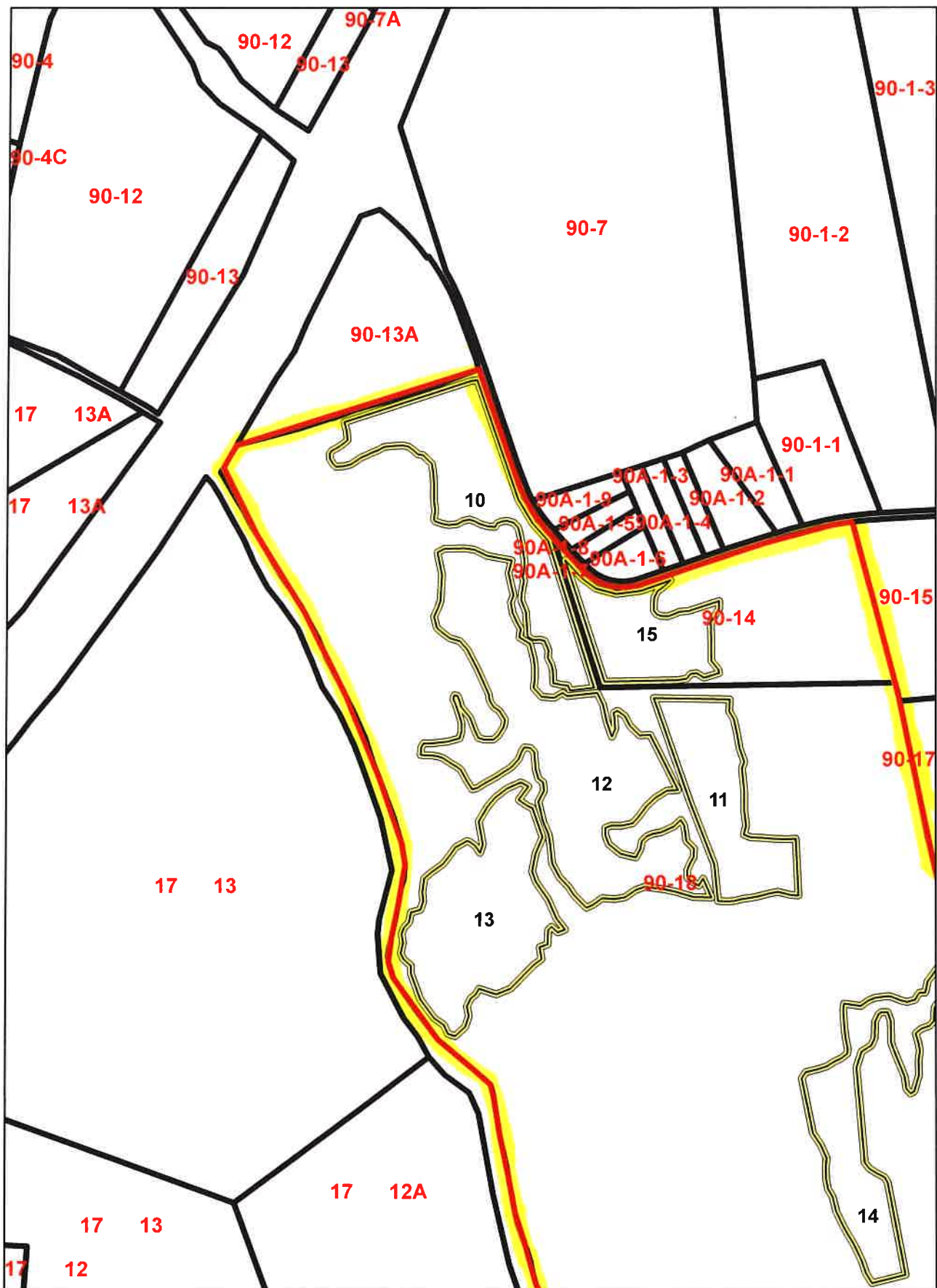
Earl Alan Mullis DWEAM



8-14-2020

Tax Map

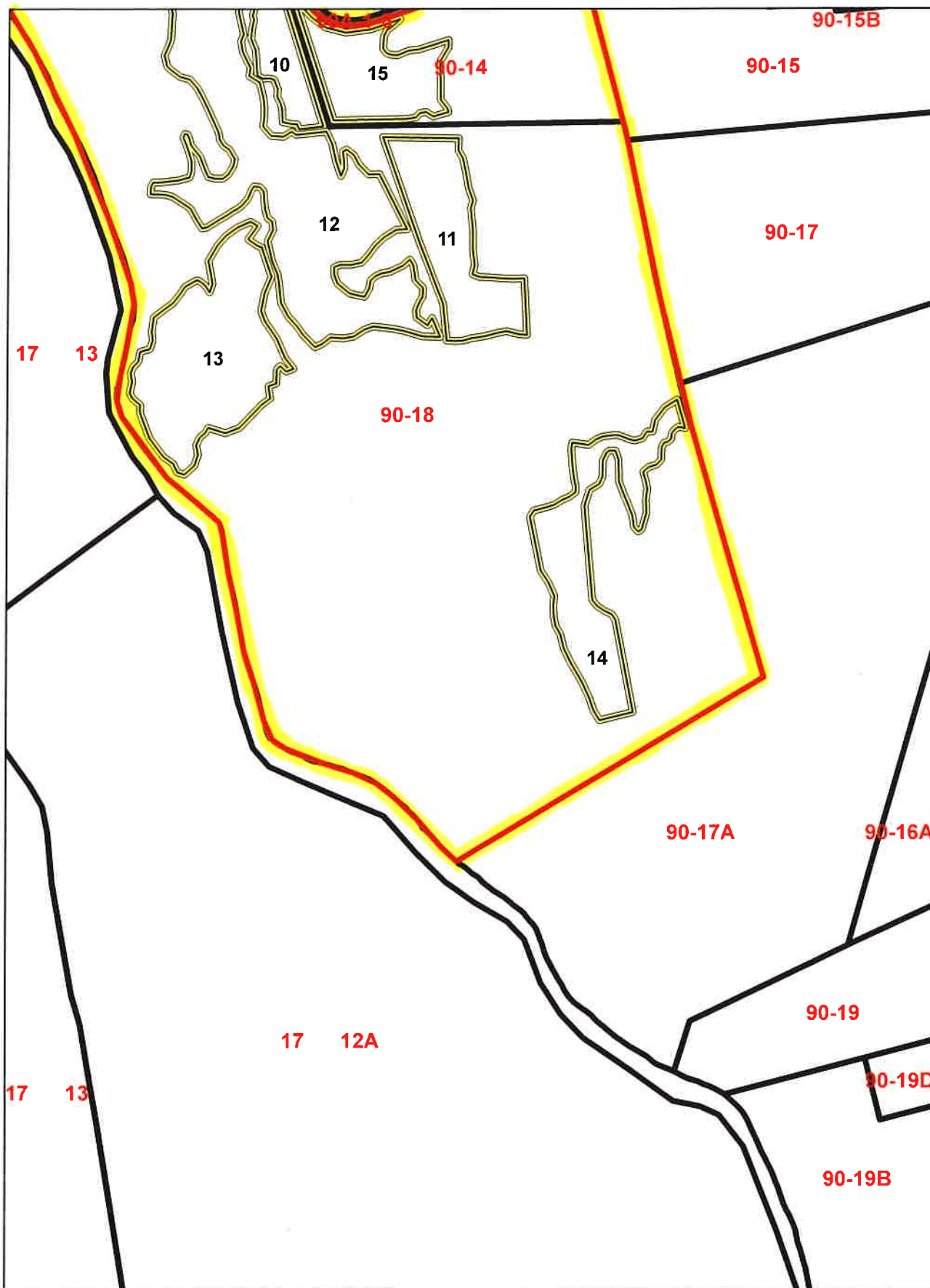
1 in = 660 feet



8-11-2020

Tax Map

1 in = 660 feet



8-14-2020

Tax Map

1 in = 660 feet

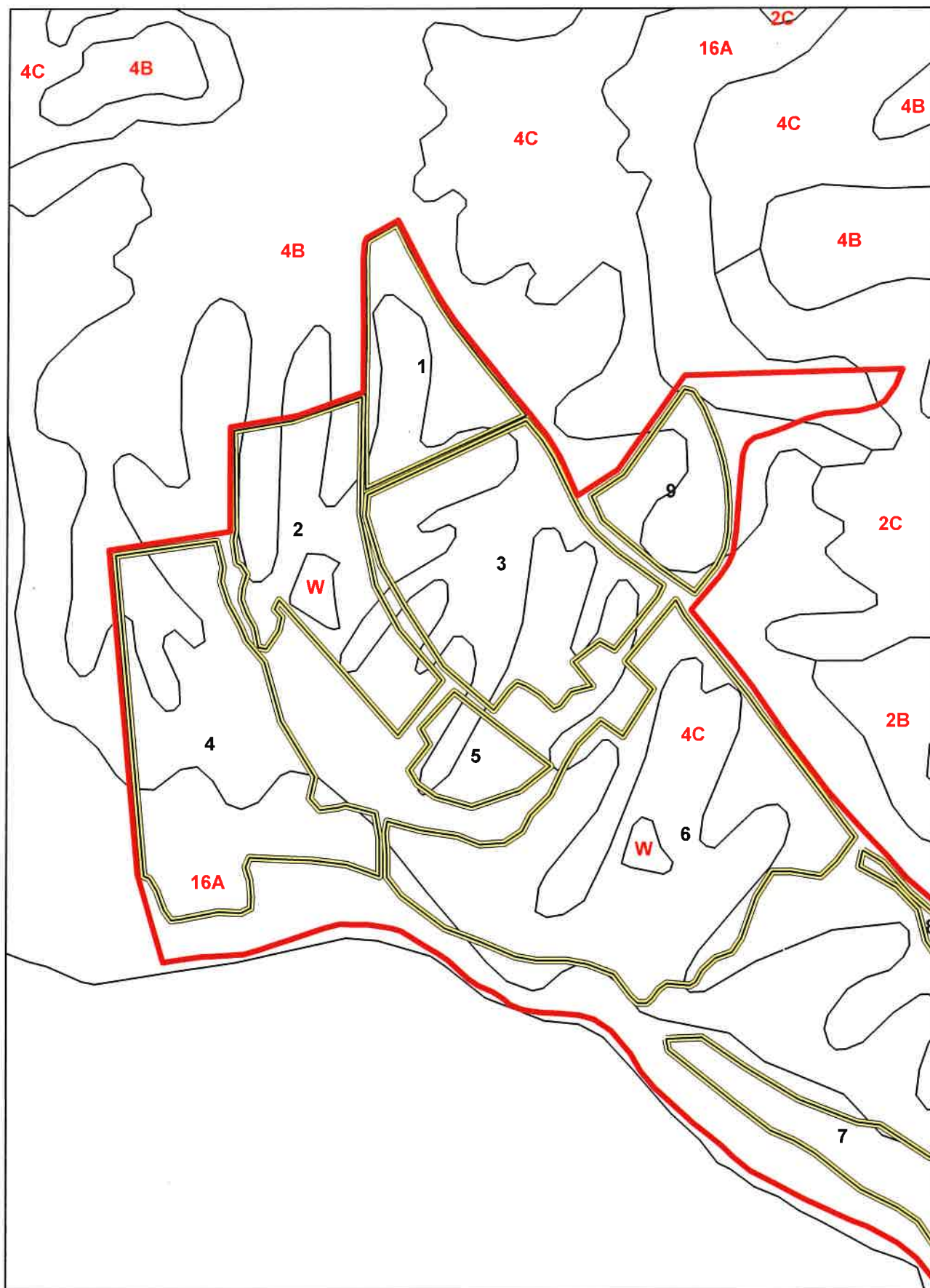
ADJOINING LANDOWNERS

Earl Alan Mullis

DINWIDDIE

Tax Map	Parcel #	Owner Name(s)
65	21	Barry or Benda Resnick
	23	Hugh T. Rogers
78	1	Revocable Trust Of Maynard Green, Maynard W Green Trustee
	2A	Alma M. Hardy
	2B	Mary Sue Daniel
	3A	Donald T. Adams
	3B	Allie Gordon Barnes
	3C	Hugh T. Rogers
	3D	Larry Woodard
	4	Allie Gordon Barnes
	4A	Allie Gordon Barnes
	4B	Barnes Living Trustee
	8C	Kimberly Whitehurst
	9	Essie S. Byrd Life Estate & John I. & Meryl B. Harris Remainderman
	9B	Ellen B. Ozmore Life Estate
	9E	John I. & Meryl B Harris
	13	RLP Investments LC
90	1-1	Ammon A Tucker Sr
	7	Marion Lee Jones
	13A	Clayton D. Jr & Christa J. Oliver
	15	Hildrey Lee Winn
	17	Benjamin C. Jr & Shelia H. Abernathy
	17A	Michael B. & Kathryn S. Tolliver
90A	1-1	Robert & Alica Maass
	1-2	Allan C. Story Jr & William P. Gibbs
	1-3	Gemini Real Estate LLC
	1-4	Ronald L. Knight

Tax Map	Parcel #	Owner Name(s)
90A	1-6 1-7 1-8 1-9	James Leroy Babbitt James Leroy Babbitt Walter K. and Debra K. Inge Clayton W. Laugois
BRUNSWICK		
8	1 22	Ward Burton Wildlife Foundation Janet M. Bowles and Mary Lyle Trust & als.
17	12A 13	Coastal Forest Resources Company Neil Corum

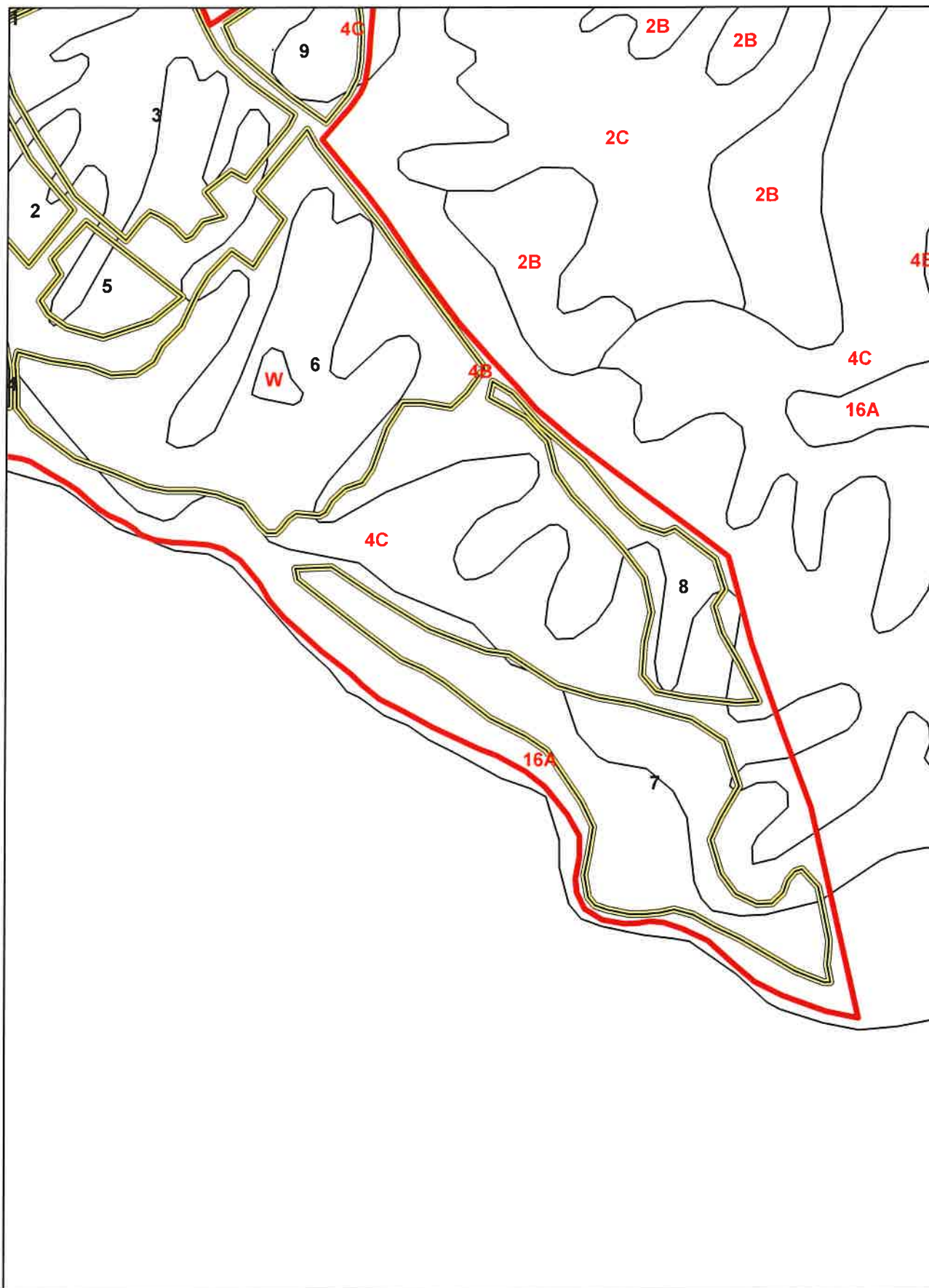


8-14-2020

 Frequently
Flooded

Soil Map

1 in = 660 feet

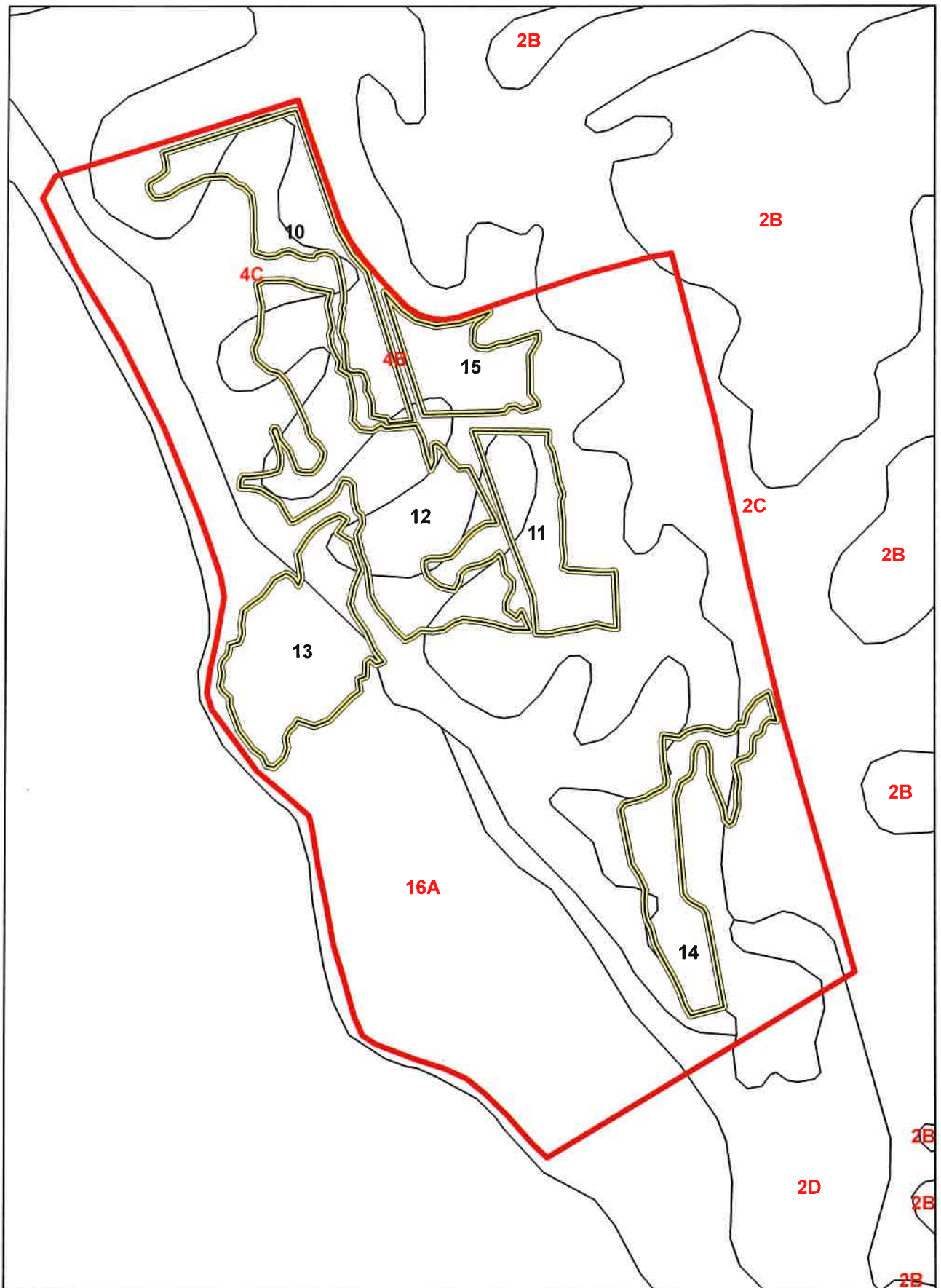


8-14-2020

 Frequently
Flooded

Soil Map

1 in = 660 feet

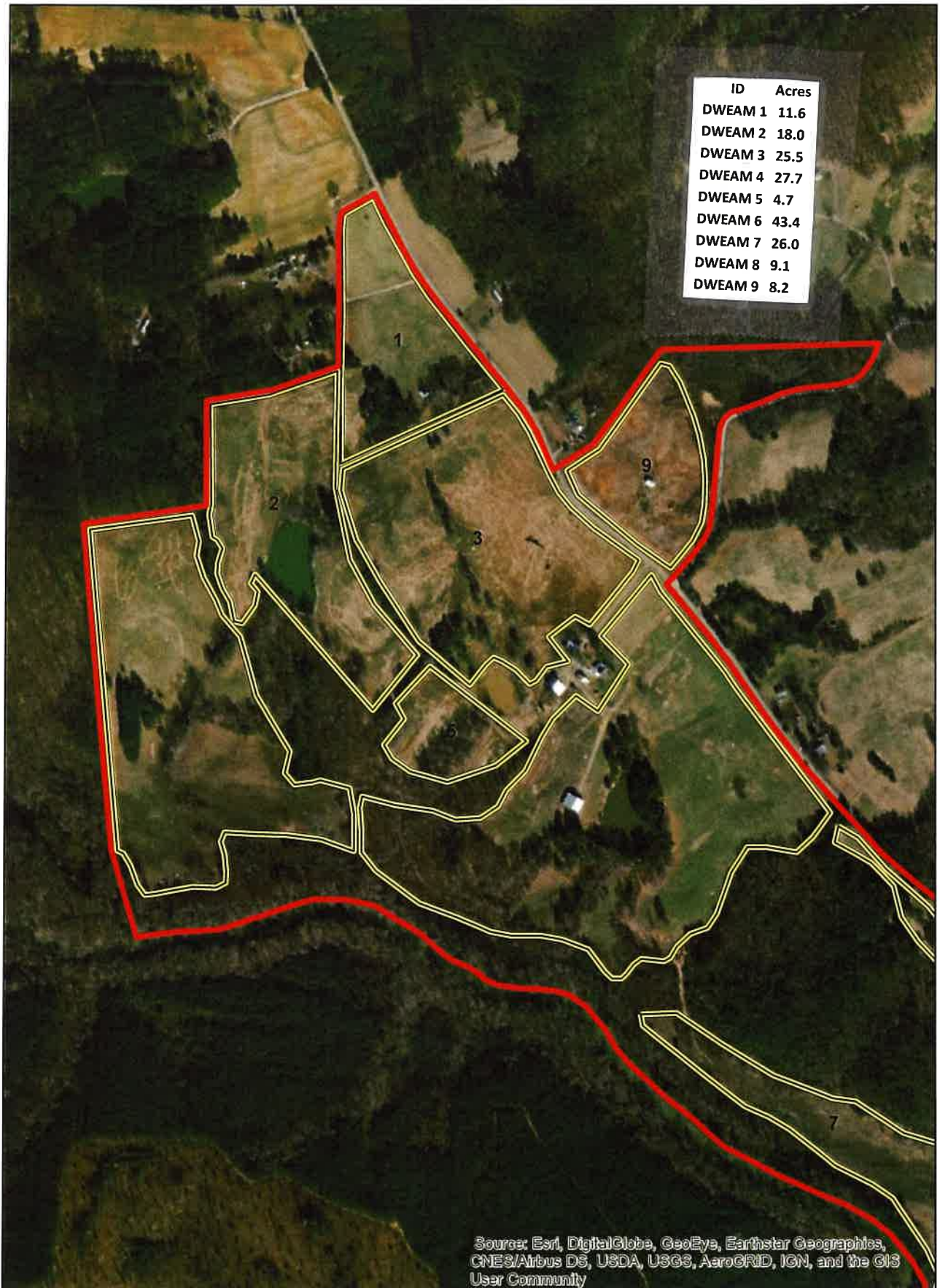


8-14-2020

Soil Map

1 in = 660 feet

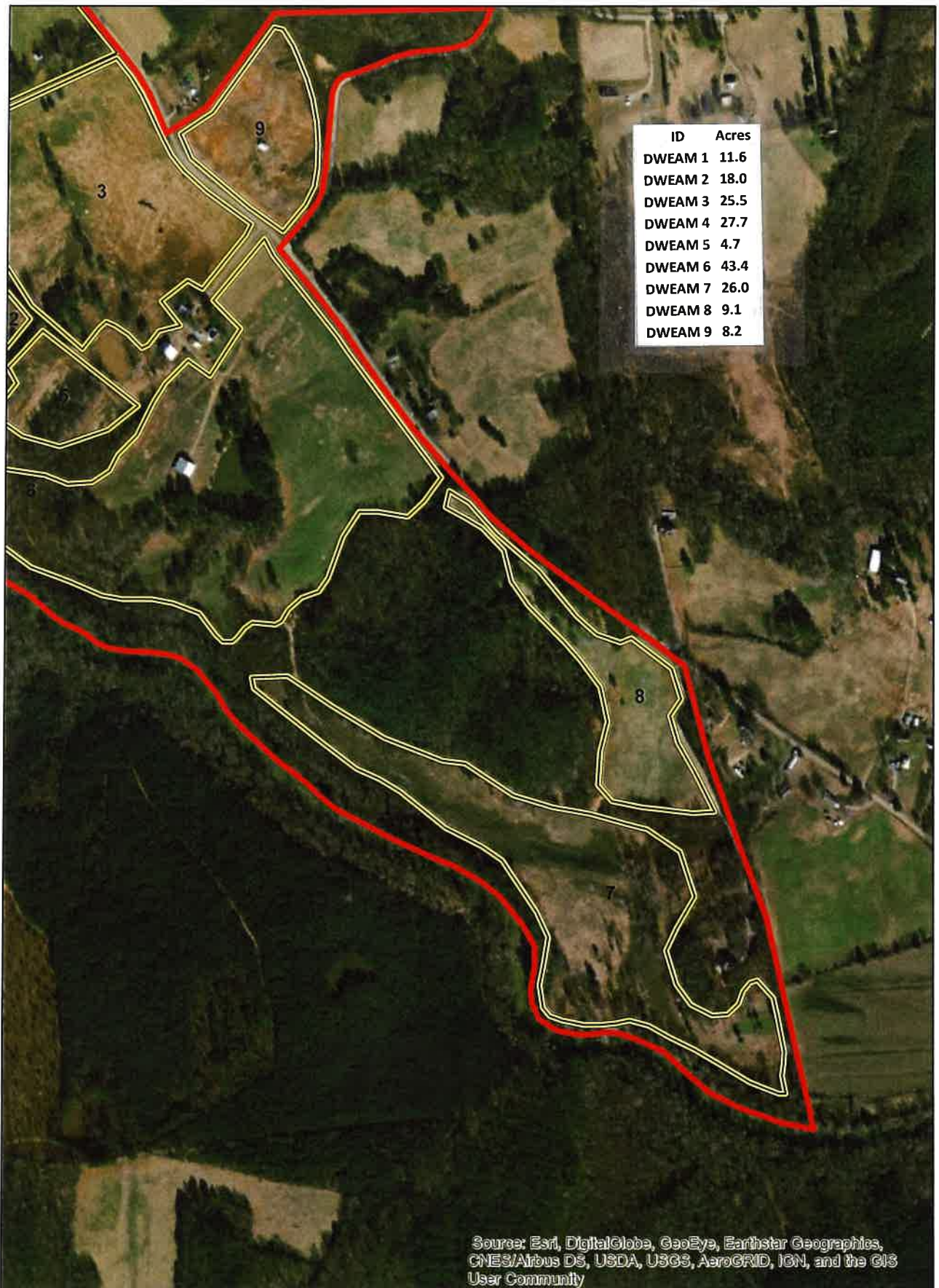
 Frequently
Flooded



8-14-2020

Aerial Map

1 in = 660 feet



8-11-2020

Aerial Map

1 in = 660 feet



8-14-2020

Aerial Map

1 in = 660 feet



United States
Department of
Agriculture

Dinwiddie County, Virginia

Tract 5256

Farm 2323

2019 Program Year

Map Created June 20, 2019

Common Land Unit

- Non-Cropland
- Cropland
- rcL_l_va053
- Tract Boundary

Wetland Determination

Identifiers

- Restricted Use
- Limited
- Exempt from Conservation
- Compliance Provisions

Tract Cropland Total: 185.50 acres



United States Department of Agriculture (USDA) Farm Service Agency (FSA) maps are for FSA Program administration only. This map does not represent a legal survey or reflect actual ownership; rather it depicts the information provided directly from the producer and/or National Agricultural Imagery Program (NAIP) imagery. The producer accepts the data 'as is' and assumes all risks associated with its use. USDA-FSA assumes no responsibility for actual or consequential damage incurred as a result of any user's reliance on this data outside FSA Programs. Wetland identifiers do not represent the size, shape, or specific determination of the area. Refer to your original determination (CPA-026 and attached maps) for exact boundaries and determinations or contact USDA Natural Resources Conservation Service (NRCS).



United States
Department of
Agriculture

Dinwiddie County, Virginia

Tract 5454

Farm 4099



2019 Program Year

Map Created June 20, 2019

Common Land Unit

- Non-Cropland
- Cropland
- rc_l_va053
- Tract Boundary

Wetland Determination

Identifiers

- Restricted Use
- Limited
- Exempt from Conservation
- Compliance Provisions

Tract Cropland Total: 5.16 acres

United States Department of Agriculture (USDA) Farm Service Agency (FSA) maps are for FSA Program administration only. This map does not represent a legal survey or reflect actual ownership; rather, it depicts the information provided directly from the producer and/or National Agricultural Imagery Program (NAIP) imagery. The producer accepts the data 'as is' and assumes all risks associated with its use. USDA-FSA assumes no responsibility for actual or consequential damage incurred as a result of any user's reliance on this data outside FSA Programs. Wetland identifiers do not represent the size, shape, or specific determination of the area. Refer to your original determination (CPA-026 and attached maps) for exact boundaries and determinations or contact USDA Natural Resources Conservation Service (NRCS).



United States
Department of
Agriculture

Dinwiddie County, Virginia

Tract 857

Farm 77

2019 Program Year

Map Created June 20, 2019

Common Land Unit

Non-Cropland

Cropland

rc1_l_va053

Tract Boundary

Wetland Determination

Identifiers

Restricted Use

Limited

Exempt from Conservation




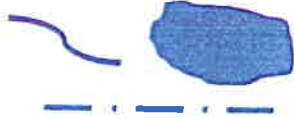











Compliance Provisions

Tract Cropland Total: 74.70 acres

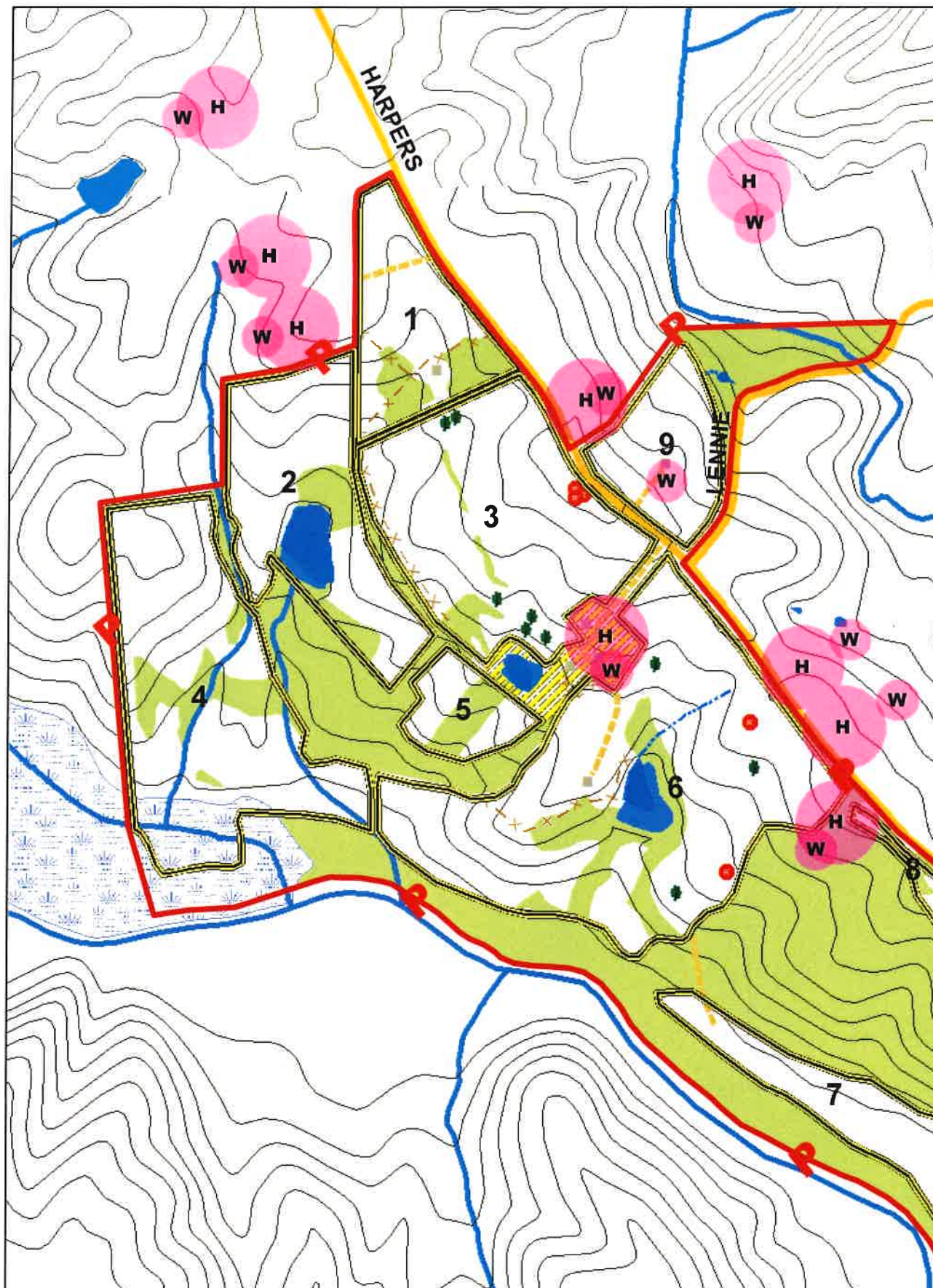


United States Department of Agriculture (USDA) Farm Service Agency (FSA) maps are for FSA Program administration only. This map does not represent a legal survey or reflect actual ownership; rather it depicts the information provided directly from the producer and/or National Agricultural Imagery Program (NAIP) imagery. The producer accepts the data 'as is' and assumes all risks associated with its use. USDA-FSA assumes no responsibility for actual or consequential damage incurred as a result of any user's reliance on this data outside FSA Programs. Wetland identifiers do not represent the size, shape, or specific determination of the area. Refer to your original determination (CPA-026 and attached maps) for exact boundaries and determinations or contact USDA Natural Resources Conservation Service (NRCS).

Legend For Site Plan

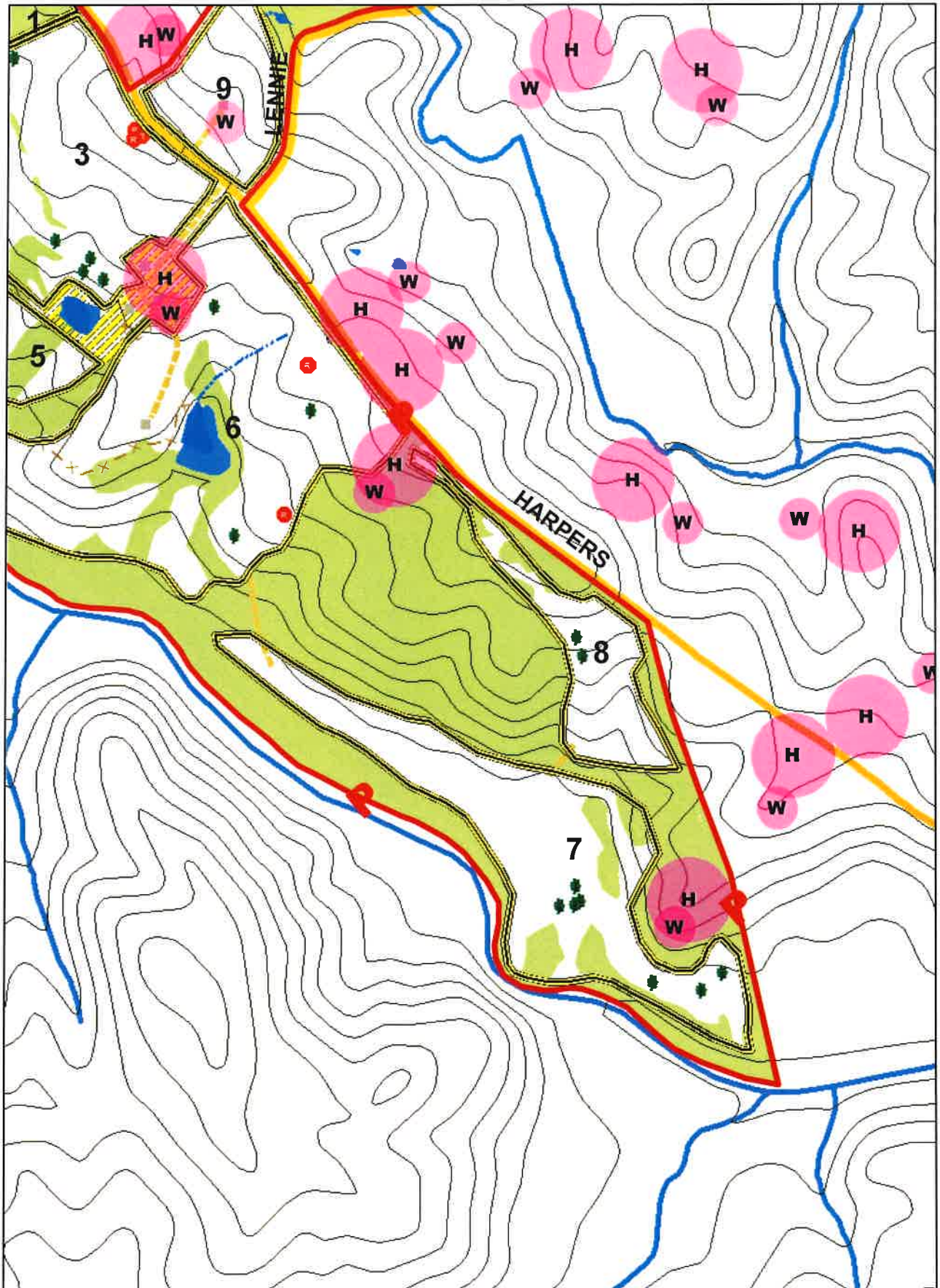
Symbol	Feature	Minimum Setback
	House and Well	200 feet from occupied dwelling * 100 feet from water supply wells or springs
 	Well or Spring	100 feet from water supply wells or springs
	Streams or Surface Water	35 feet with 35 foot vegetated buffer 100 feet without vegetated buffer
	Wet Spot	
	Trees and Woods	
	Private Drive	
	Rock Area/Rock Outcrop	25 feet from rock outcrops 50 feet from limestone rock outcrops
	Severely Eroded Spot	18 Inch minimum depth of soil
  	Sink Hole	100 feet from open sinkholes 50 feet from closed sinkholes
	State Road	10 feet from side of roadway
	Fence / Field Boundary	
	Property Line	100 feet from property line *
 	Slope	15% maximum
	Hashed out Area	No application

*Buffer can be reduced or waived upon written consent from landowner.



Site Map

1 in = 660 feet



8-14-20
5-4-21

Site Map

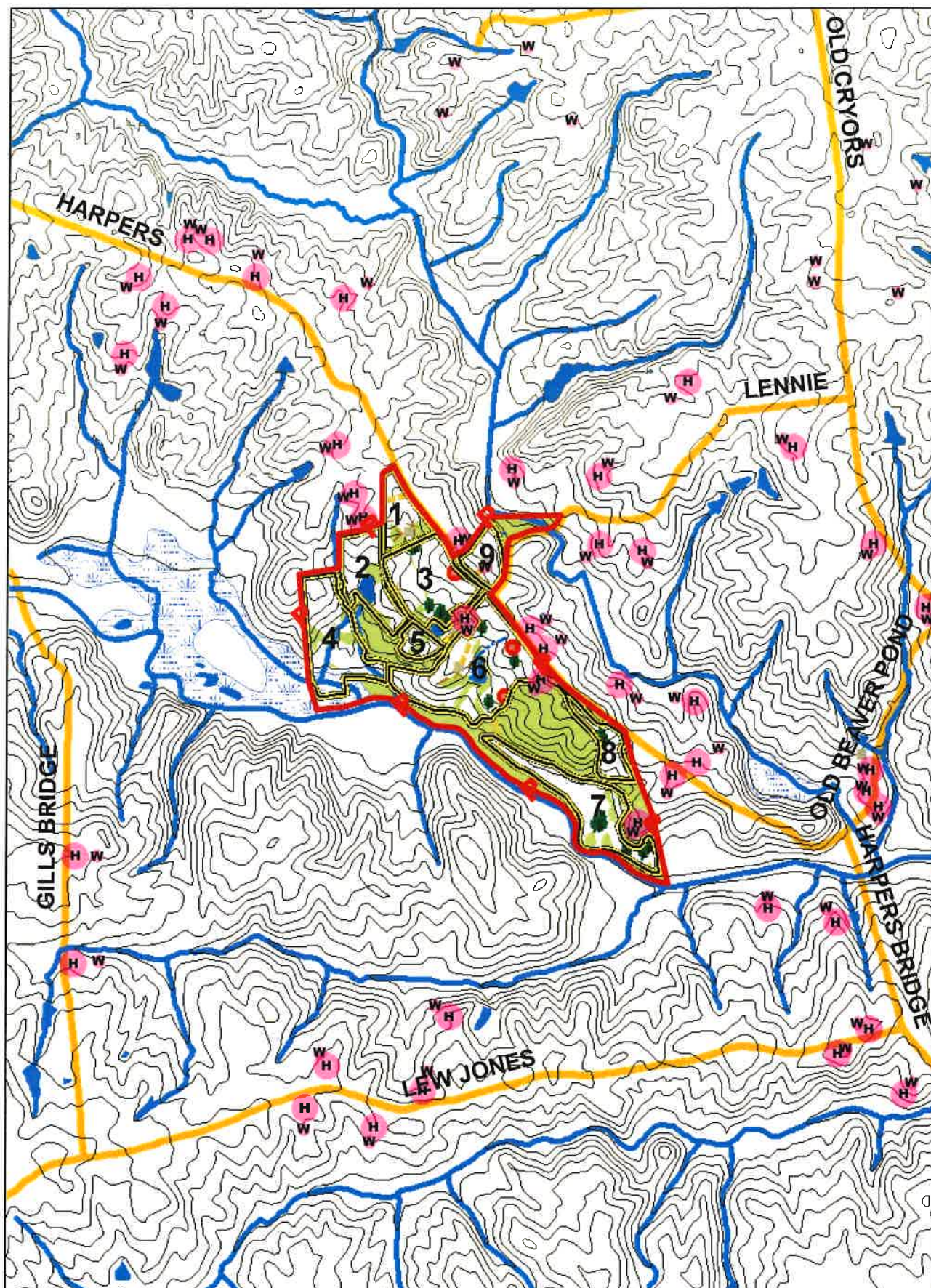
1 in = 660 feet



8-14-2020

Site Plan

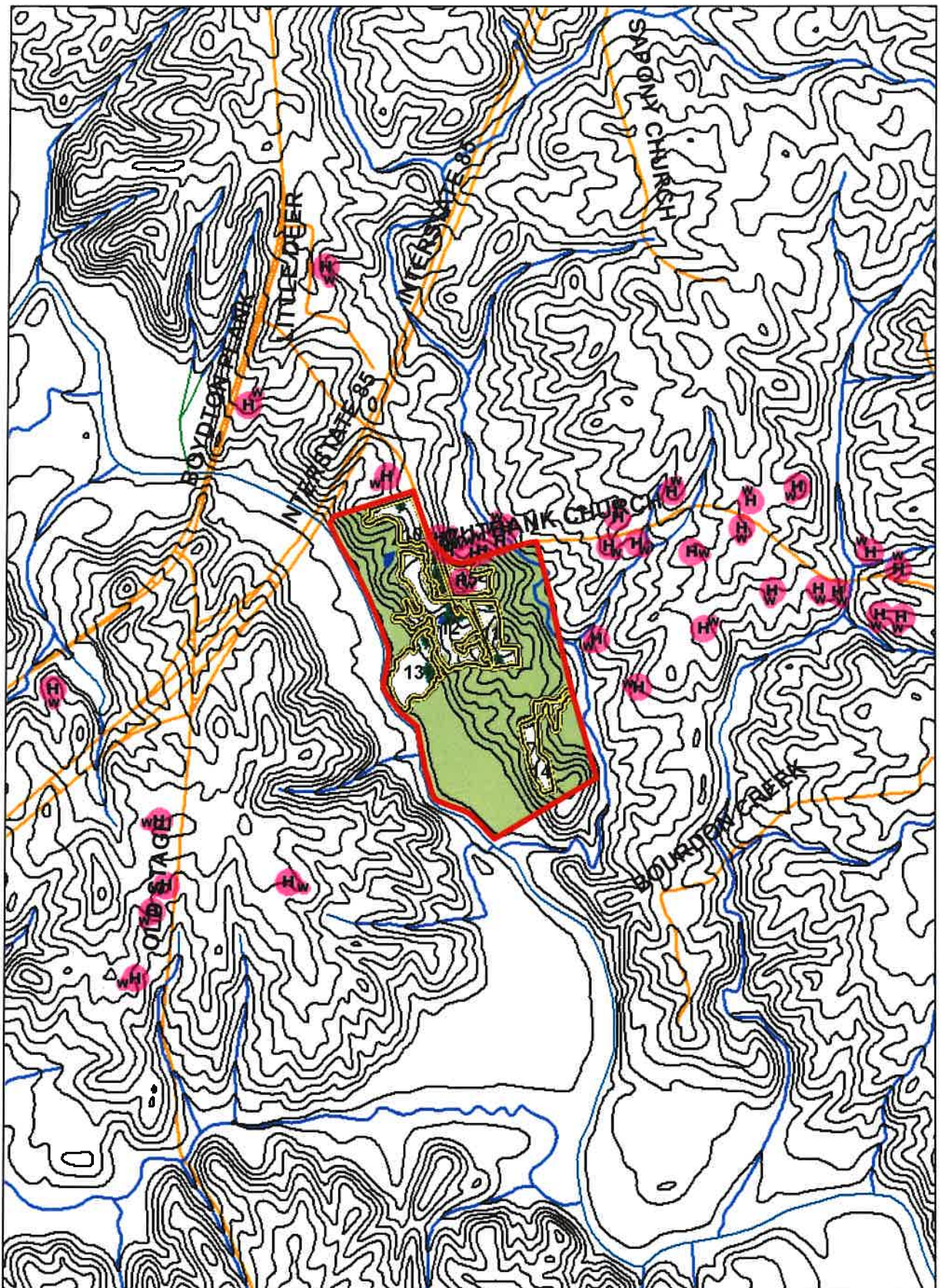
1 in = 660 feet



8-14-20
5-4-21

Topographic Map

1 in = 2,000 feet



8-14-2020

Topographic Map

1 in = 2,000 feet